HISTORY INFORMATION FOR THE FOLLOWING MANUAL:

SERVICE MANUAL

MA1 CHASSIS

MODEL NAME	REMOTE COMMANDER	DESTINATION
KDL-37M3000	RM-YD021	US/CANADA/MEXICO
KDL-37M3000	RM-YD021	CHILE/PERU

ORIGINAL MANUAL ISSUE DATE: 9/2007

☛ : UPDATED ITEM

REVISION DATE	SUBJECT
9/2007	No revisions or updates are applicable at this time.
9/2007	Added (Balancer Board) ETC-Inverter MT Board P/N to Exploded View Section 5-4. Replaced Page 60.
11/2007	Updated G5M PWB. Replaced Page 49.
1/2008	Corrected Ref. No. for LCD Panel and speakers. Replaced page 60.

LCD DIGITAL COLOR TELEVISION

SONY®

9-883-766-04

Self Diagnosis Supported model

SERVICE MANUAL

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KDL-37M3000

RM-YD021

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SPECIFICATIONS

Power Requirements 120V AC, 60Hz
220V, 50/60 Hz (Chile, Perú)

Video (IN) 1/2/3

S Video (4-Pin Mini DIN (VIDEO 1 Only)

Y: 1.0 Vp-p, 75 ohms unbalanced, sync negative
C: 0.286 Vp-p (Burst signal), 75 ohms

Video

1.0 Vp-p, 75 ohms unbalanced, sync negative

Audio

500 mVrms (100% modulation)
Impedance:47 kilohms

COMPONENT IN 1/2

YP_BP_R (Component Video)

Y:1.0 Vp-p, 75 ohms unbalanced, sync negative
P_B:0.7 Vp-p, 75 ohms
P_R:0.7 Vp-p, 75 ohms
Signal format: 480i, 480p, 720p, 1080i

AUDIO

500 mVrms (100% modulation)
Impedance: 47 kilohms

HDMI IN 1/2:

HDMI: Video:480i, 480p, 720p, 1080i
Audio: Two channel linear PCM 32, 44.1 and 48 kHz, 16, 20 and 24 bits

AUDIO: 500 mVrms (100% modulation)
Impedance: 47 kilohms

AUDIO OUT:

500 mVrms (100% modulation)
More than 500 mVrms (Fixed)

PC IN:

D-sub 15-pin, analog RGB, 0.7 Vp-p, 75 ohms, positive

PC AUDIO INPUT:

Stereo mini jack, 500 mVrms, 47 kilohms

HEADPHONES:

Stereo mini jack
Impedance: ≥ 16 ohms

Trademark Information

Manufactured under license fromDolby Laboratories. "Dolby" and double-D symbol are trademarks of Dolby Laboratories.

This TV incorporates High-Definition Multimedia Interface (HDMI™) technology. HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.

Blu-ray is a trademark. "BRAVIA" and BRAVIA and PS3 are trademarks or registeredmarks of Sony Corporation.

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Design and specifications are subject to change without notice.

	KDL-37M3000
Power Consumption	
in use	180W
in standby	Less than 1W
Speaker Output (W)	10W + 10W
mm	146 x 35 mm
in	$5^{3/4}$ x $1^{3/8}$ in
Dimensions (W x H x D) with stand	
mm	918 x 655 x 265 mm
in	$36^{1/4}$ x $25^{7/8}$ x $10^{1/2}$ in
Dimensions (W x H x D) without stand	
mm	918 x 609 x 108 mm
in	$36^{1/4}$ x 24 x $4^{3/8}$ in
Mass with stand	
kg	22 kg
lbs	49 lbs
without stand	
kg	18.5 kg
lbs	41 lbs

All measurements are approximations.

Television system

NTSC American TV Standard
ATSC (8VSB terrestrial) ATSC compliant 8VSB
QAM on cable: ANSI/SCTE 07 2000

Channel coverage

	Analog	Digital
Terrestrial	2-69	2-69
Cable	1-125	1-135

Antenna

75-ohm external terminal for VHF/UHF

Panel System

LCD (Liquid Crystal Display) Panel

Display Resolution (horizontal x vertical):

1,366 dots x 768 lines

Screen Size (measured diagonally)

approx. 37 inches

Supplied Accessories

Remote Commander RM-YD021
Two Size AA (R6) Batteries
Suport Belt, Securing Screw, and Wood Screw
Cable Holder
Operating Instructions
Quick Setup Guide
Warranty Card
Online Registration Card
Wall-Mount Instructions

Optional Accessories

Headphones Plug Adapter
Connecting Cables
Wall-Mount Bracket
SU-WL500
75-ohm Coaxial Cable
HD15-HD15 Cable

WARNINGS AND CAUTIONS

CAUTION

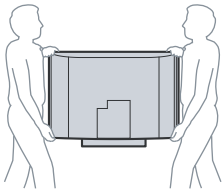
These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

CARRYING THE TV

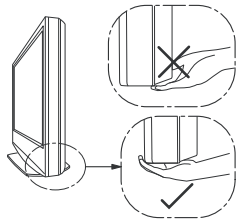
To avoid dropping the TV and causing serious injury, be sure to follow these guidelines:

- ☐ Before carrying the TV, disconnect all cables.
- ☐ Carrying the large size TV requires two or more people.
- ☐ When you carry the TV, place your hand as illustrated and hold it securely. Do not put stress on the LCD panel.

KDL-37M3000



- ☐ When lifting or moving the TV, hold it firmly from the bottom. Place your palm directly under the panel.



- ☐ When carrying, do not subject the TV to shocks or vibration, or excessive force.

WARNING!!

An isolation transformer should be used during any service to avoid possible shock hazard, because of live chassis. The chassis of this receiver is directly connected to the ac power line.

⚠ SAFETY-RELATED COMPONENT WARNING!!

Components identified by shading and ⚠ mark on the schematic diagrams, exploded views, and in the parts list are critical for safe operation. Replace these components with Sony parts whose part numbers appear as shown in this manual or in supplements published by Sony. Circuit adjustments that are critical for safe operation are identified in this manual. Follow these procedures whenever critical components are replaced or improper operation is suspected.

ATTENTION!!

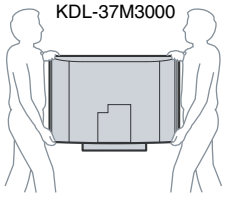
Ces instructions de service sont à l'usage du personnel de service qualifié seulement. Pour prévenir le risque de choc électrique, ne pas faire l'entretien autre que celui contenu dans le Mode d'emploi à moins que vous soyez qualifié faire ainsi.

POUR TRANSPORTER LE TÉLÉVISEUR

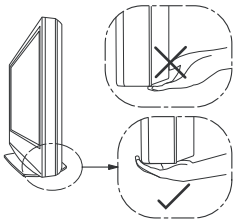
Assurez-vous de suivre ces consignes pour éviter de laisser tomber le téléviseur et de provoquer des blessures graves :

- ☐ Avant de transporter le téléviseur, débranchez tous les câbles.
- ☐ Le transport du téléviseur doit être effectué par au moins deux personnes.
- ☐ Lorsque vous le transportez, placez vos mains tel que cela est illustré et tenez solidement l'appareil. N'appliquez pas de pression sur l'écran ACL.

KDL-37M3000



- ☐ Lorsque vous levez ou déplacez le téléviseur, assurez-vous de tenir solidement de la base. Placez la paume des mains directement sous le panneau.



- ☐ Lorsque vous transportez le téléviseur, ne le soumettez pas à des chocs ou vibrations, ni à une force excessive.

Afin d'eviter tout risque d'electrocution provenant d'un châssis sous tension, un transformateur d'isolement doit etre utilisé lors de tout dépannage. Le châssis de ce récepteur est directement raccordé à l'alimentation du secteur.

⚠ ATTENTION AUX COMPOSANTS RELATIFS A LA SECURITE!!

Les composants identifies par une trame et par une marque ⚠ sur les schemas de principe, les vues explosees et les listes de pieces sont d'une importance critique pour la securite du fonctionnement. Ne les remplacer que par des composants Sony dont le numero de piece est indique dans le present manuel ou dans des supplements publies par Sony. Les reglages de circuit dont l'importance est critique pour la securite du fonctionnement sont identifies dans le present manuel. Suivre ces procedures lors de chaque remplacement de composants critiques, ou lorsqu'un mauvais fonctionnement suspecte.

SAFETY-RELATED COMPONENT WARNING

There are critical components used in LCD color TVs that are important for safety. These components are identified with shading and ⚠ mark on the schematic diagrams and the electrical parts list. It is essential that these critical parts be replaced only with the part number specified in the electrical parts list to prevent electric shock, fire, or other hazard.

NOTE: Do not modify the original design without obtaining written permission from the manufacturer or you will void the original parts and labor guarantee.

USE CAUTION WHEN HANDLING THE LCD PANEL

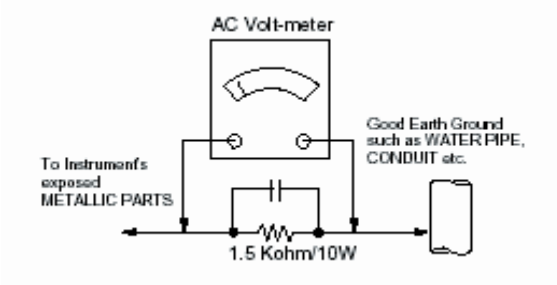
When repairing the LCD panel, be sure you are grounded by using a wrist band.

When installing the LCD panel on a wall, the LCD panel must be secured using the 4 mounting holes on the rear cover.

To avoid damaging the LCD panel:

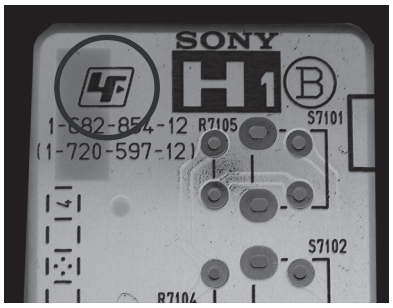
- → do not press on the panel or frame edge to avoid the risk of electric shock.
- → do not scratch or press on the panel with any sharp objects.
- → do not leave the module in high temperatures or in areas of high humidity for an extended period of time.
- → do not expose the LCD panel to direct sunlight.
- → avoid contact with water. It may cause a short circuit within the module.
- → disconnect the AC adapter when replacing the backlight (CCFL) or inverter circuit. (High voltage occurs at the inverter circuit at 650Vrms.)
- → always clean the LCD panel with a soft cloth material.
- → use care when handling the wires or connectors of the inverter circuit. Damaging the wires may cause a short.
- → protect the panel from ESD to avoid damaging the electronic circuit (C-MOS).

LEAKAGE CURRENT HOT CHECK CIRCUIT



example 1

The circuit boards used in these models have been processed using Lead Free Solder. The boards are identified by the LF logo located close to the board designation e.g. H1 etc [see example]. The servicing of these boards requires special precautions to be taken as outlined below.



It is strongly recommended to use Lead Free Solder material in order to guarantee optimal quality of new solder joints.
Lead Free Solder is available under the following part numbers :

Part number	Diameter	Remarks
7-640-005-19	0.3mm	0.25Kg
7-640-005-20	0.4mm	0.50Kg
7-640-005-21	0.5mm	0.50Kg
7-640-005-22	0.6mm	0.25Kg
7-640-005-23	0.8mm	1.00Kg
7-640-005-24	1.0mm	1.00Kg
7-640-005-25	1.2mm	1.00Kg
7-640-005-26	1.6mm	1.00Kg

Due to the higher melting point of Lead Free Solder the soldering iron tip temperature needs to be set to 370 degrees centigrade.
This requires soldering equipment capable of accurate temperature control coupled with a good heat recovery characteristics.

For more information on the use of Lead Free Solder, please refer to *http://www.sony-training.com*

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:

1. Check the area of your repair for unsoldered or poorly soldered connections. Check the entire board surface for solder splashes and bridges.

2. Check the interboard wiring to ensure that no wires are “pinched” or touching high-wattage resistors.

3. Check that all control knobs, shields, covers, ground straps, and mounting hardware have been replaced. Be absolutely certain that you have replaced all the insulators.

4. Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair. Point them out to the customer and recommend their replacement.

5. Look for parts which, though functioning, show obvious signs of deterioration. Point them out to the customer and recommend their replacement.

6. Check the line cords for cracks and abrasion. Recommend the replacement of any such line cord to the customer.

7. Check the antenna terminals, metal trim, “metallized” knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

Leakage Test

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers’ instructions to use these instructions.

2. A battery-operated AC milliampmeter. The Data Precision 245 digital multimeter is suitable for this job.

3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The “limit” indication is 0.75 V, so analog meters must have an accurate low voltage scale. The Simpson’s 250 and Sanwa SH-63TRD are examples of passive VOMs that are suitable. Nearly all battery-operated digital multimeters that have a 2 VAC range are suitable (see Figure A).

How to Find a Good Earth Ground

A cold-water pipe is a guaranteed earth ground; the cover-plate retaining screw on most AC outlet boxes is also at earth ground. If the retaining screw is to be used as your earth ground, verify that it is at ground by measuring the resistance between it and a cold-water pipe with an ohmmeter. The reading should be zero ohms.

If a cold-water pipe is not accessible, connect a 60- to 100-watt trouble- light (not a neon lamp) between the hot side of the receptacle and the retaining screw. Try both slots, if necessary, to locate the hot side on the line; the lamp should light at normal brilliance if the screw is at ground potential (see Figure B).

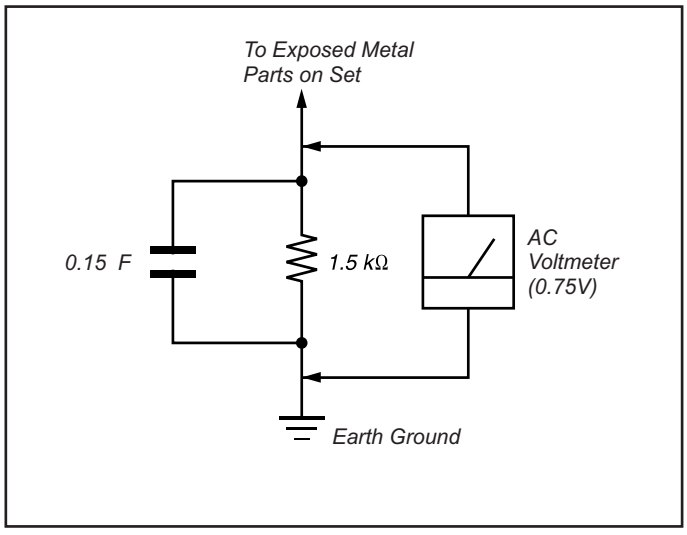


Figure A. Using an AC voltmeter to check AC leakage.

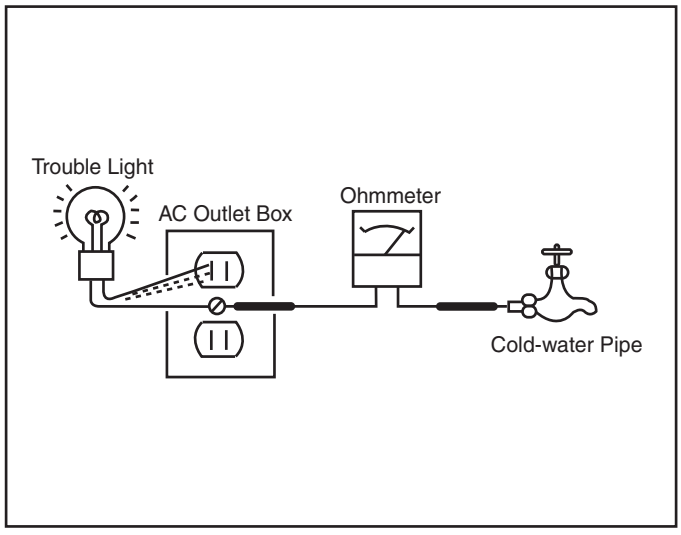


Figure B. Checking for earth ground.

SELF-DIAGNOSTIC FUNCTION

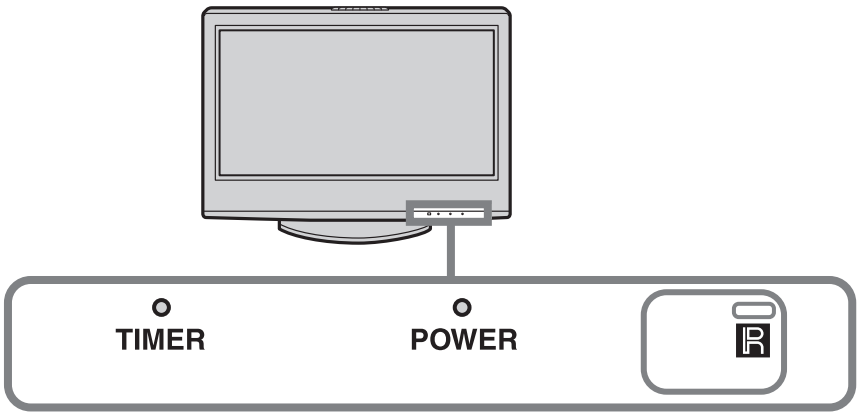
Self Diagnosis Supported model

The units in this manual contain a self-diagnostic function. If an error occurs, the TIMER LED indicator will automatically begin to flash. The number of times the LED flashes translates to a probable source of the problem. A definition of the TIMER LED flash indicators is listed in the instruction manual for the user's knowledge and reference. If an error symptom cannot be reproduced, the Remote Commander can be used to review the failure occurrence data stored in memory to reveal past problems and how often these problems occur.

1. Diagnostic Test Indicators

When an error occurs, the TIMER LED indicator will flash a set number of times to indicate the possible cause of the problem. If there is more than one error, the indicator will identify the first of the problem areas.

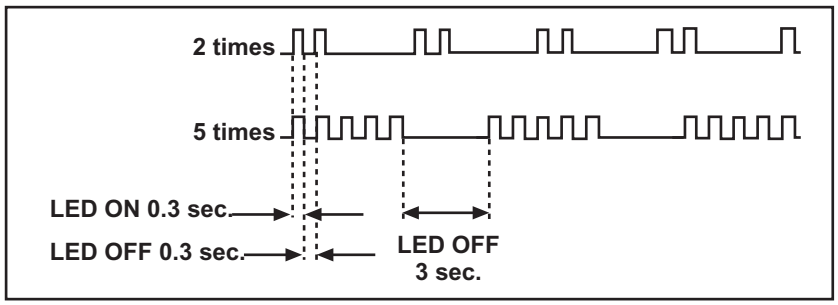
Control Buttons



Description of LED Indictors

LED	LED Type	Description
POWER LED	Green LED	* Light is green when the TV set is on
TIMER LED	Amber/Green/Red LED	* Light is amber when the timer is set. * Light is green when the Picture Off feature is activated. * Blinks red when indicating the TV may need servicing.

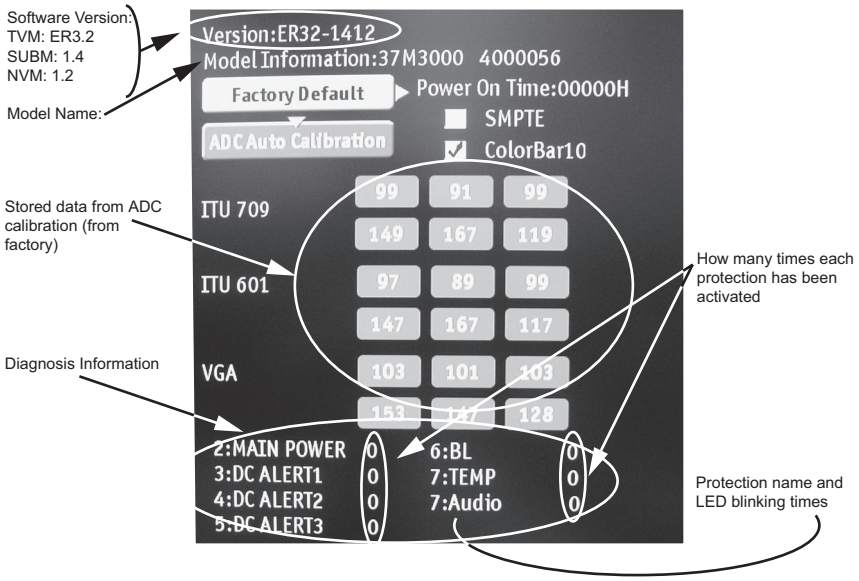
Display of TIMER LED Flash Count



Viewing the Self Check Diagnostic List

1. TV must be in standby mode. (Power off).
2. Press the following buttons on the Remote Commander within a second of each other:
   DISPLAY → Channel 5 → Volume + → TV POWER.
   The Self Check list displays. ↑ This is the SAME as accessing Service Adjustments.

Results for all of the following diagnostic items are displayed at the bottom of the screen. No error has occurred if the screen displays a "0".



2:	MAIN_POWER	0	6:	BL (Back Light)	0
3:	DC_ALERT1	0	7:	TEMP	1
4:	DC_ALERT2	0	7:	Audio	0
5:	DC_ALERT3	0			

← 0 indicates no error was detected
← 1 indicates an error was detected

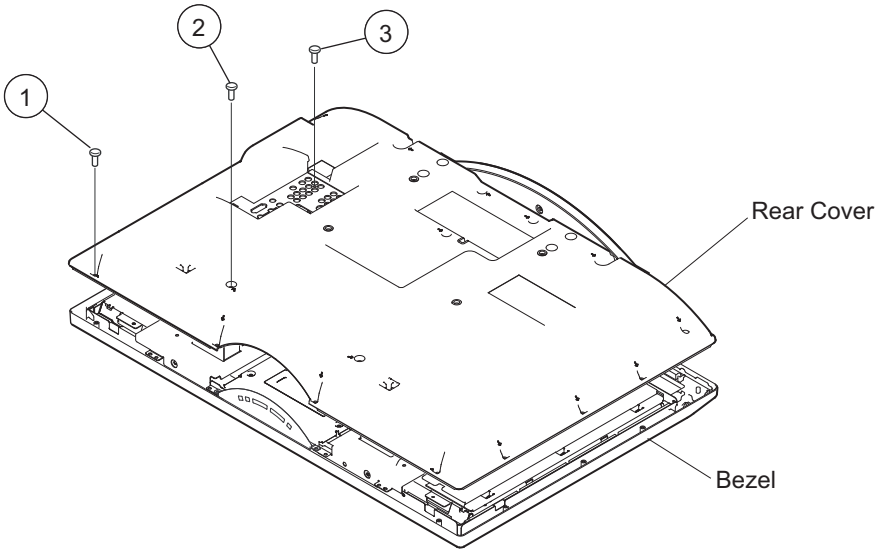
Clearing the Self Check Diagnostic List

1. In Service Mode, press the Channel 8 → Channel 0.

SECTION 1: DISASSEMBLY

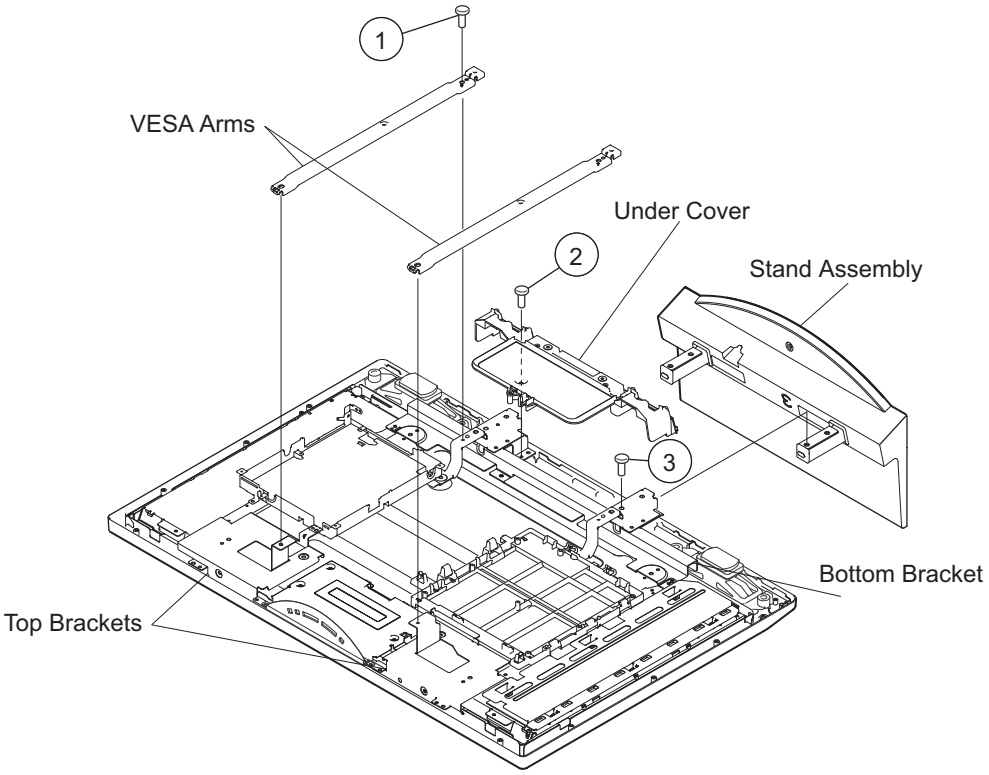
1-1. REAR COVER REMOVAL

1. Remove 16 screws from Rear Cover, +BVTP2 4X16
2. Remove 2 screws from Rear Cover arm positions, +PSW M5X16
3. Remove 2 screws from Terminals, +BVTP 3X12 TYPE2 TT(B)



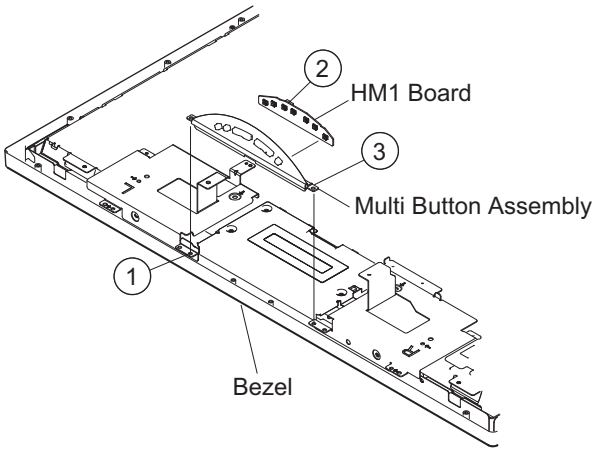
1-2. ARM, UNDER COVER AND STAND REMOVAL

1. Remove 2 screws from bottom of VESA Arms, +PSW M5X16
2. Remove 2 screws from Under Cover and Bezel, +BVTP2 4X16
3. Remove 4 screws from Stand and Stand Holder, +BVTP2 4X16



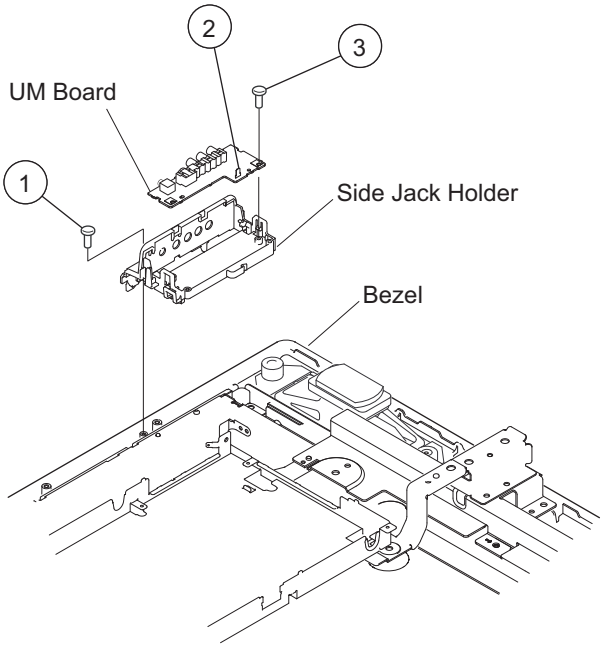
1-3. HM1 BOARD REMOVAL

① Remove from bezel
② Disconnect one connector
③ Release hooks and remove HM1 Board



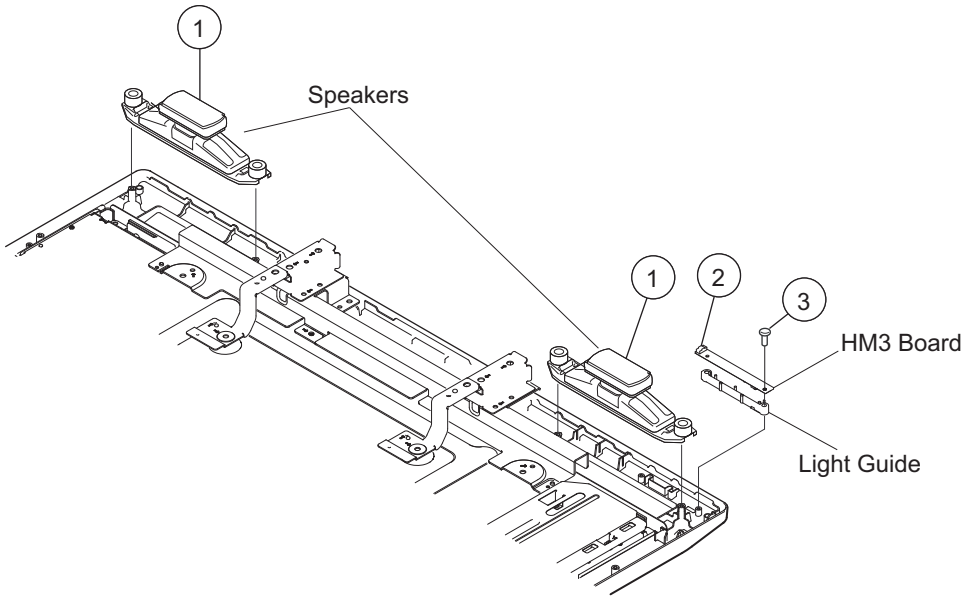
1-4. UM BOARD AND JACK HOLDER REMOVAL

① Remove one screw, +BVTP 3X12 TYPE2 TT(B)
② Disconnect 2 connectors
③ Remove 2 screws, +BVTP 3X12 TYPE2 TT(B)



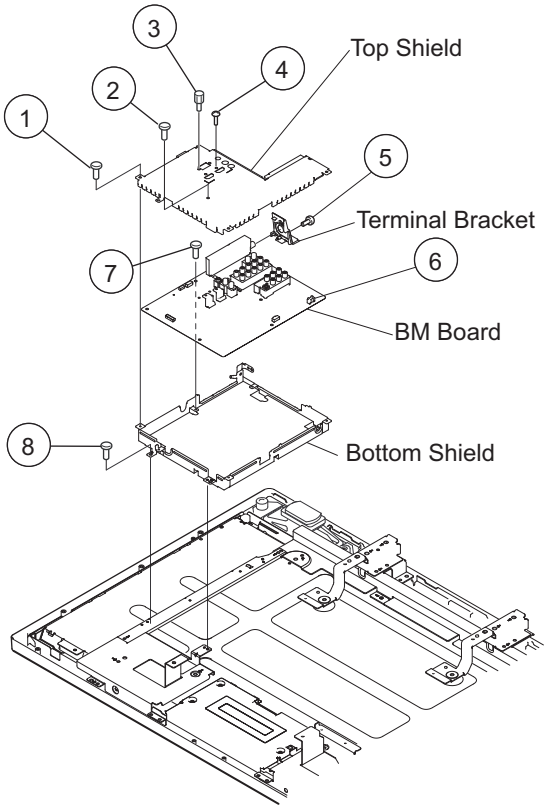
1-5. SPEAKER, LIGHT GUIDE AND HM3 BOARD REMOVAL

1. Slide out Speakers from Bezel
2. Disconnect one connector
3. Remove 2 screws, +BVTP 3X12 TYPE2 TT(B)



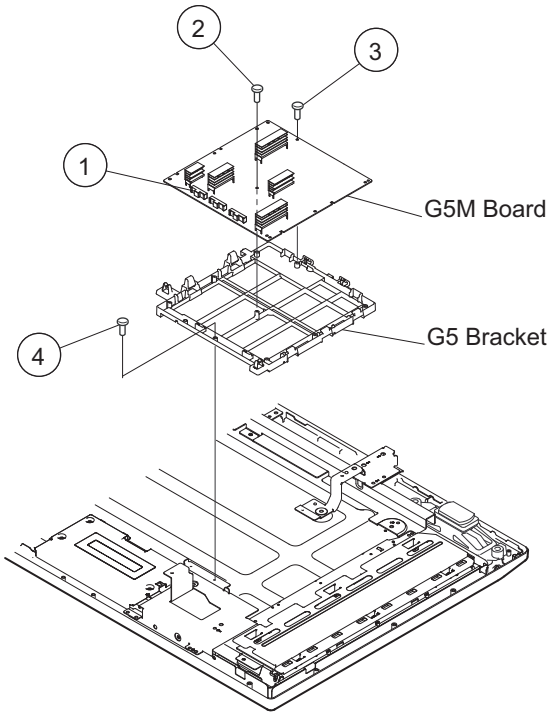
1-6. BM BOARD REMOVAL

1. Remove 6 screws, +BVST 3X8
2. Remove 2 screws, +PSW M3X5
3. Remove 2 screws, HEX
4. Remove 2 screws, +PSW M3X5
5. Remove 1 screw, +PSW M3X5
6. Disconnect 8 connectors
7. Remove 7 screws, +BVST 3X8
8. Remove 4 screws, +PSW M3X5



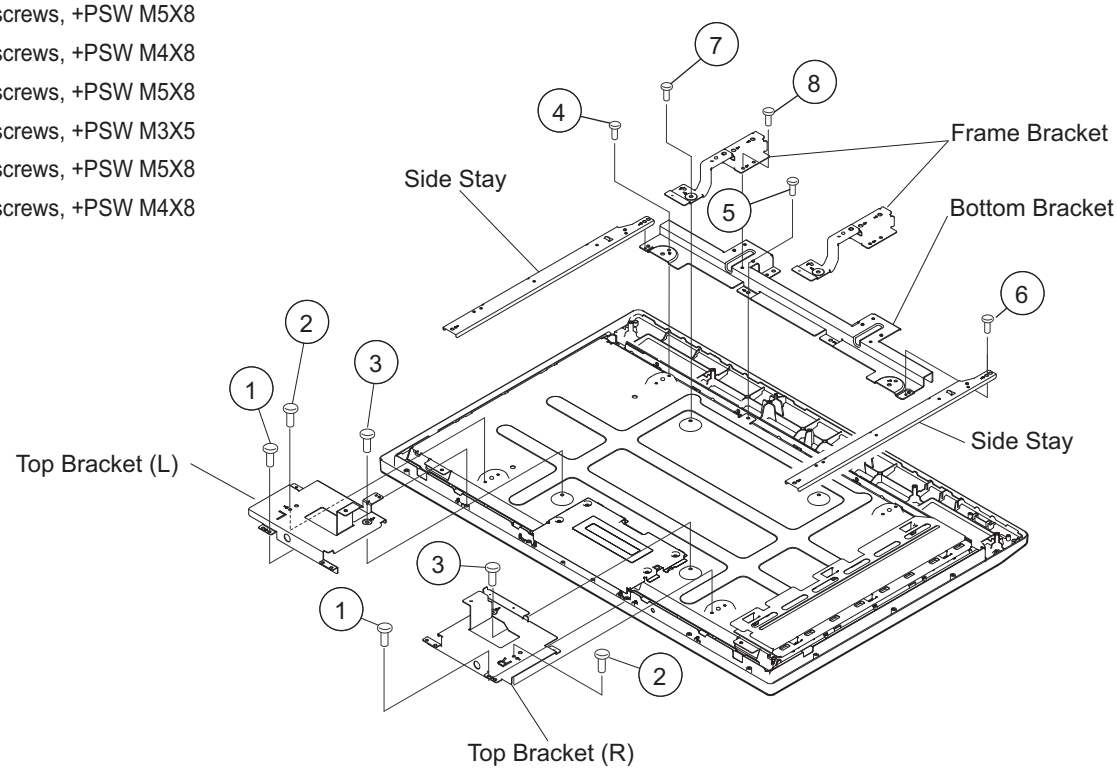
1-7. G5 BRACKET AND G5M BOARD REMOVAL

① Disconnect 4 connectors
② Remove 3 screws, +BVTP 3X12 TYPE2 TT(B)
③ Remove 4 screws, +PSW 3SG
④ Remove 1 screw, +BVST 3X8



1-8. BRACKET REMOVAL

① Remove 2 screws, +BVTP2 4X16
② Remove 2 screws, +PSW M4X8
③ Remove 3 screws, +PSW M5X8
④ Remove 4 screws, +PSW M4X8
⑤ Remove 4 screws, +PSW M5X8
⑥ Remove 2 screws, +PSW M3X5
⑦ Remove 4 screws, +PSW M5X8
⑧ Remove 4 screws, +PSW M4X8

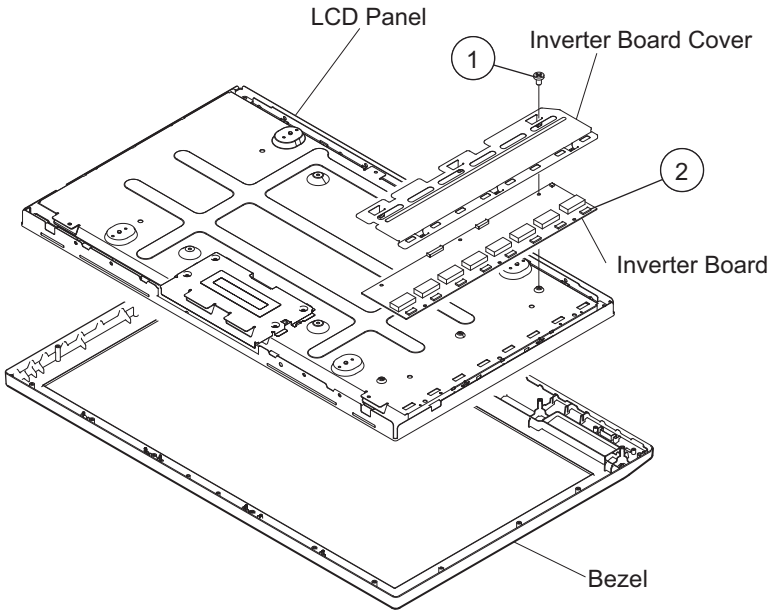


1-9 LCD PANEL AND INVERTER BOARD REMOVAL

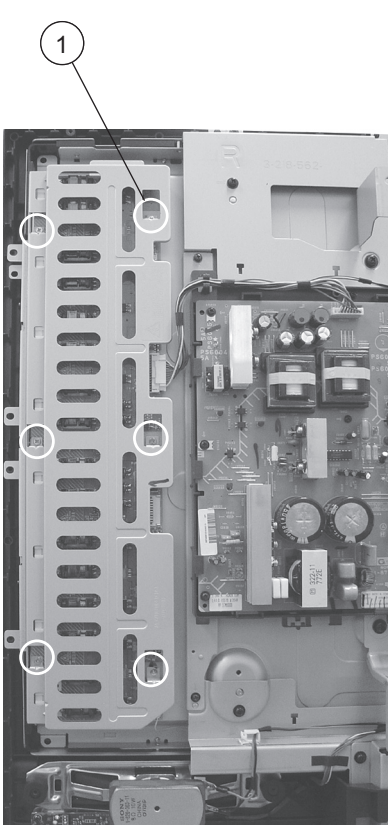
CAUTION:

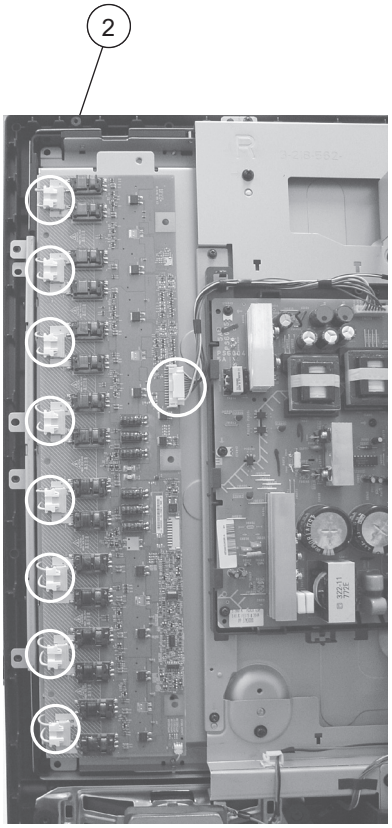
Be sure to identify the inverter cover screws before proceeding. DO NOT remove the screws securing the plastic strip holding the lamp sockets.

1. Remove 6 screws, +BVTP2 4X16
2. Disconnect 8 connectors



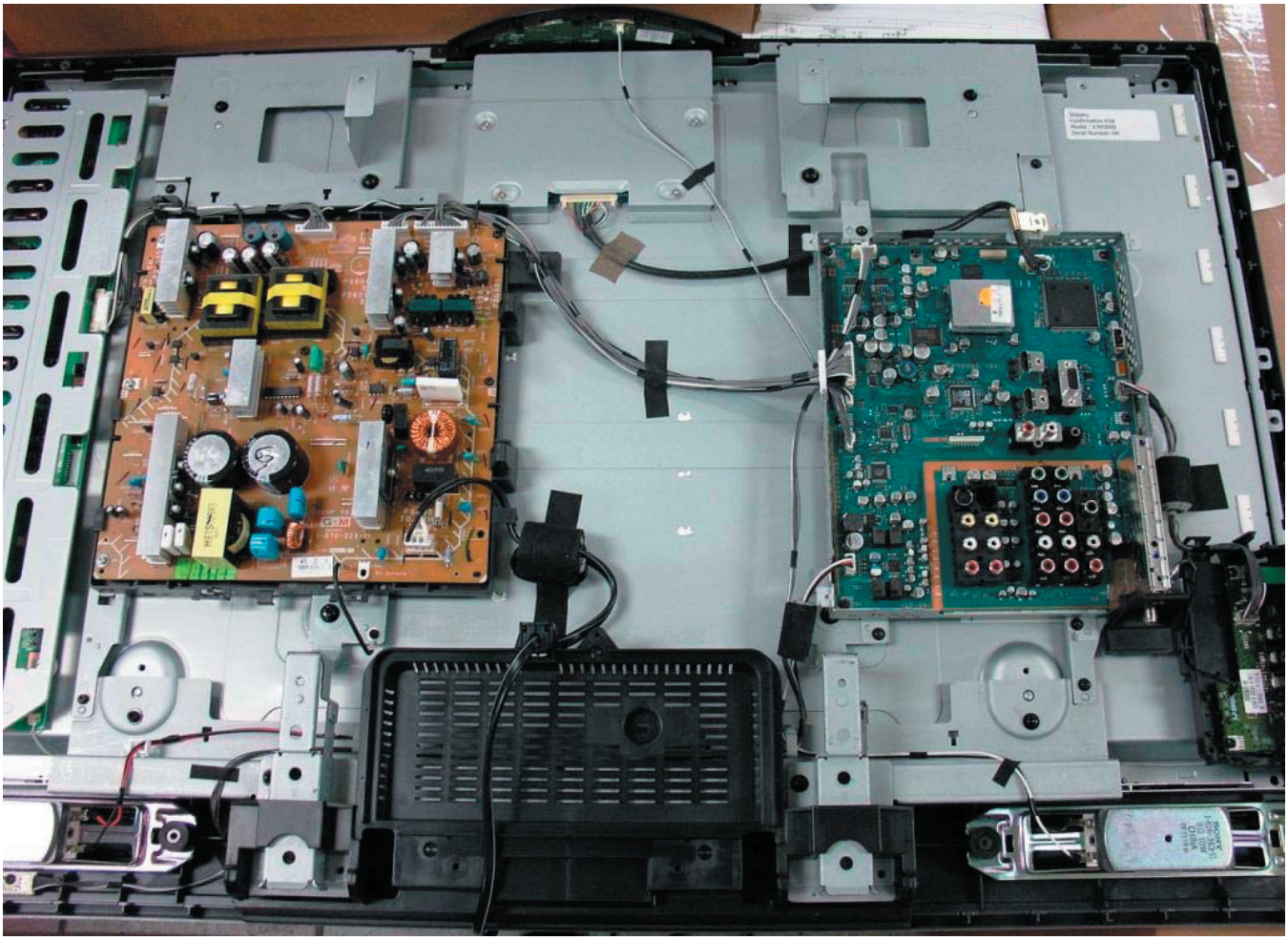
1. Remove 6 screws, +BVTP2 4X16
2. Disconnect 8 connectors



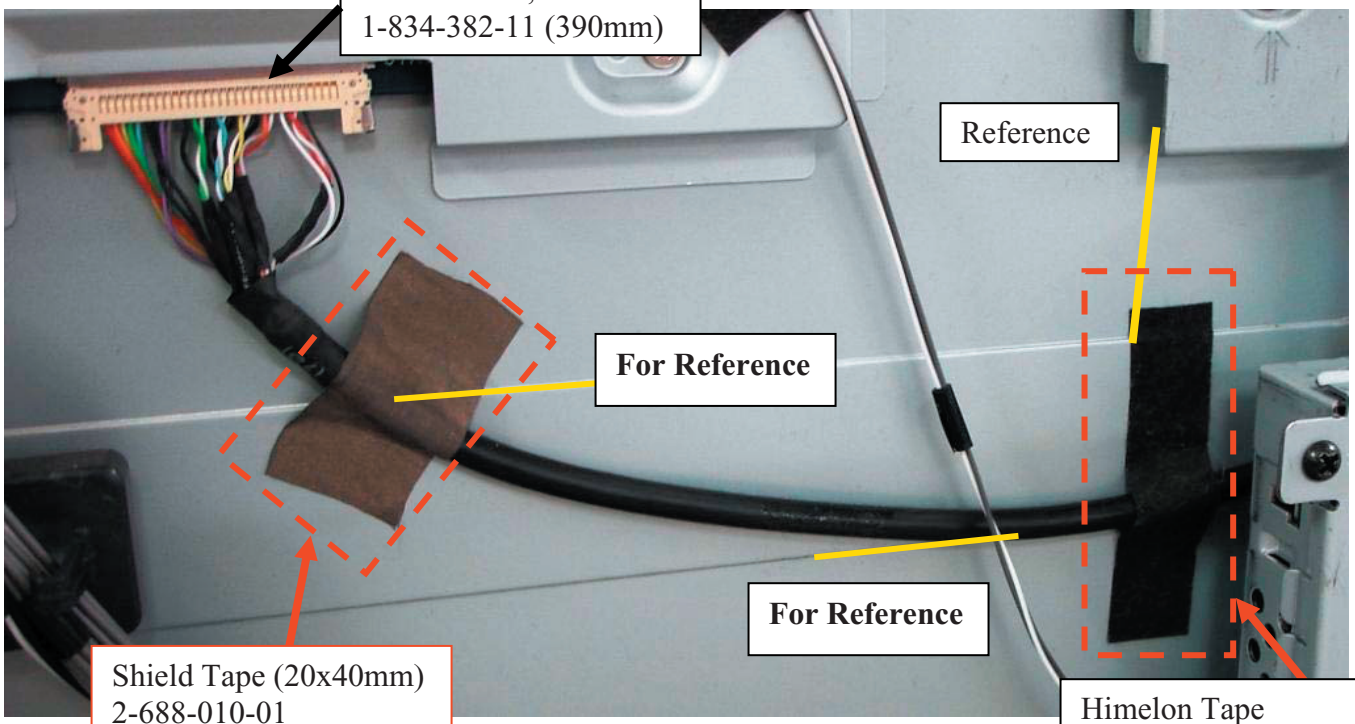


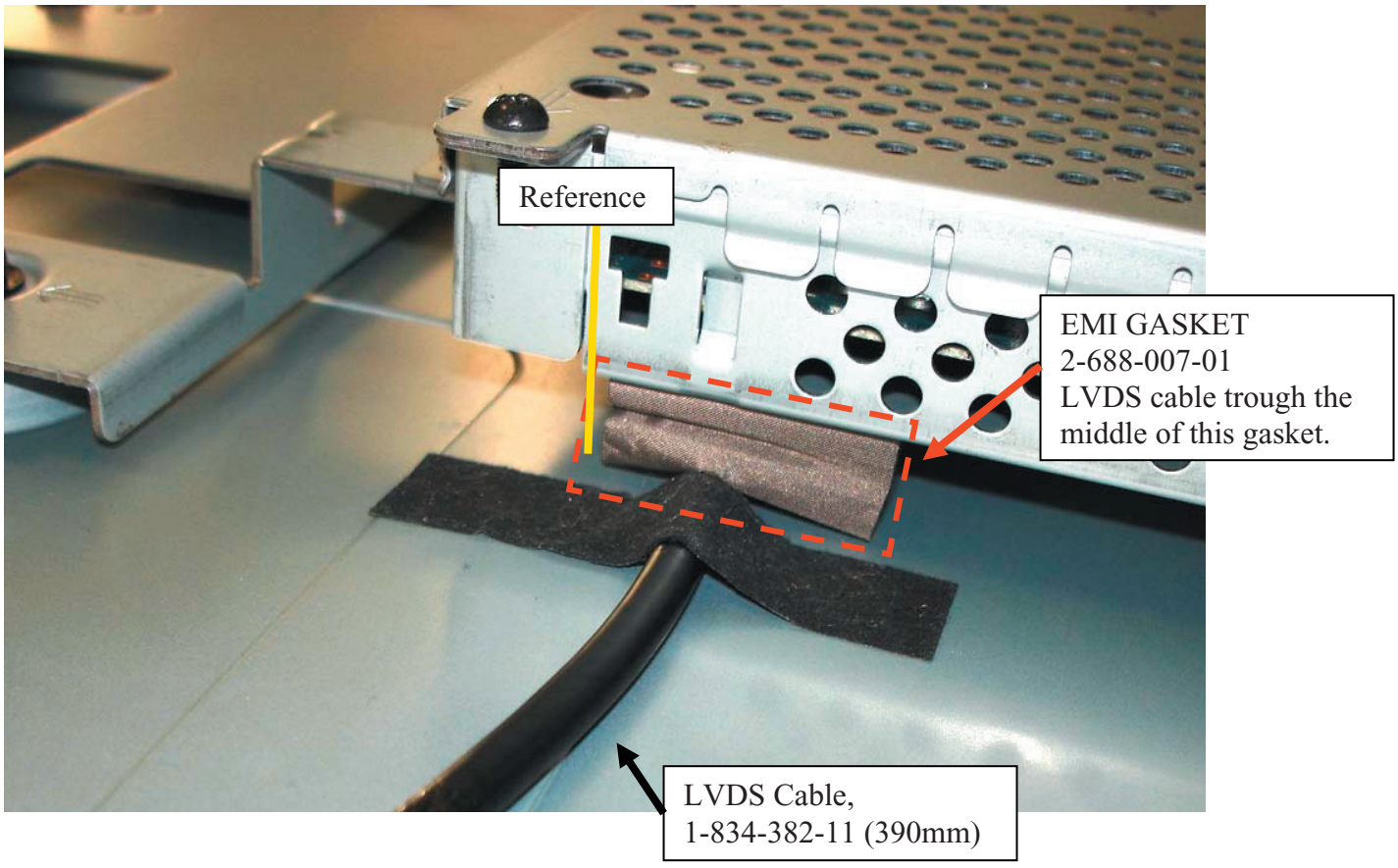
SECTION 2: WIRE DRESSINGS

2-1. OVERALL VIEW

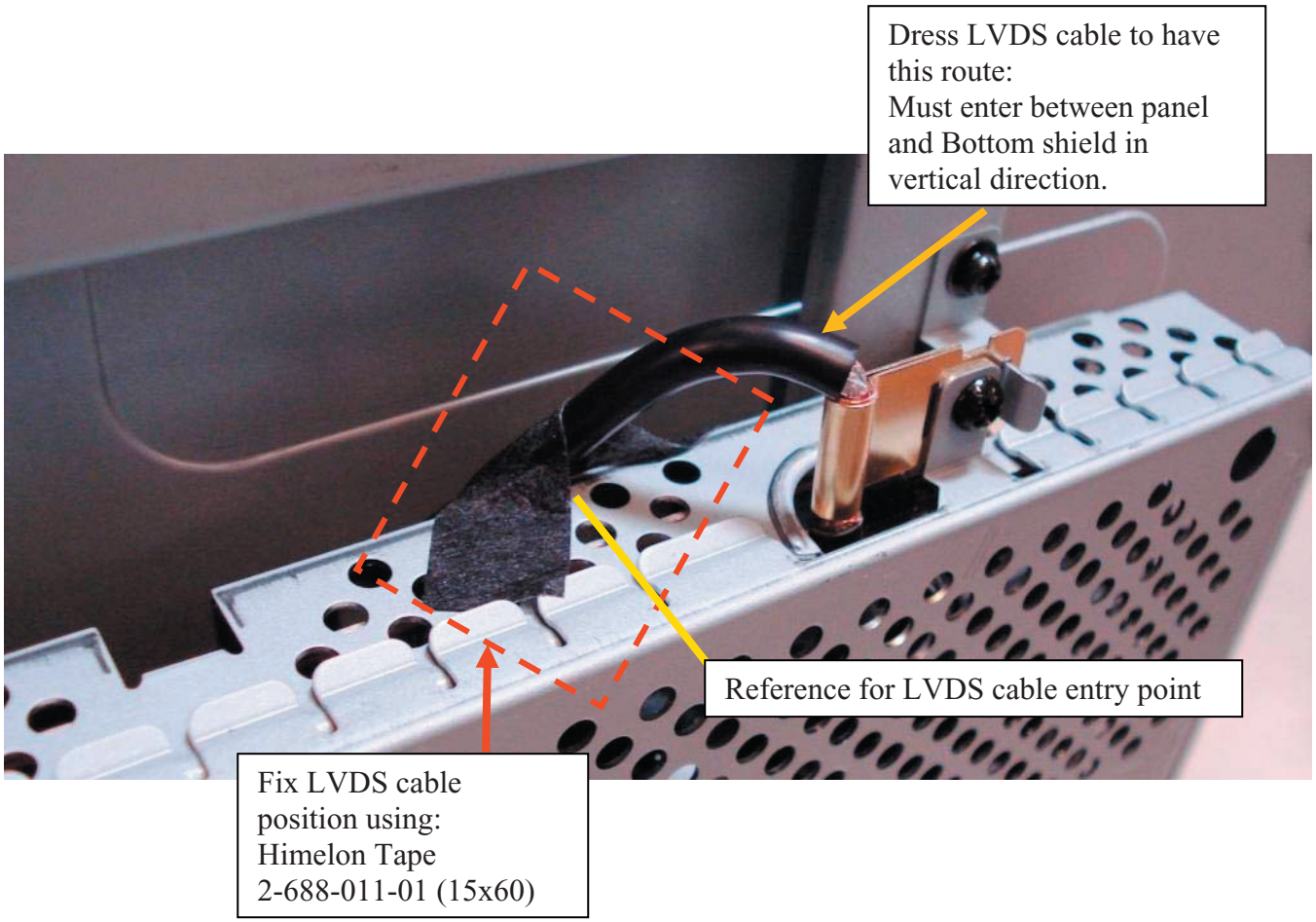


2-2. LVDS CONNECTOR

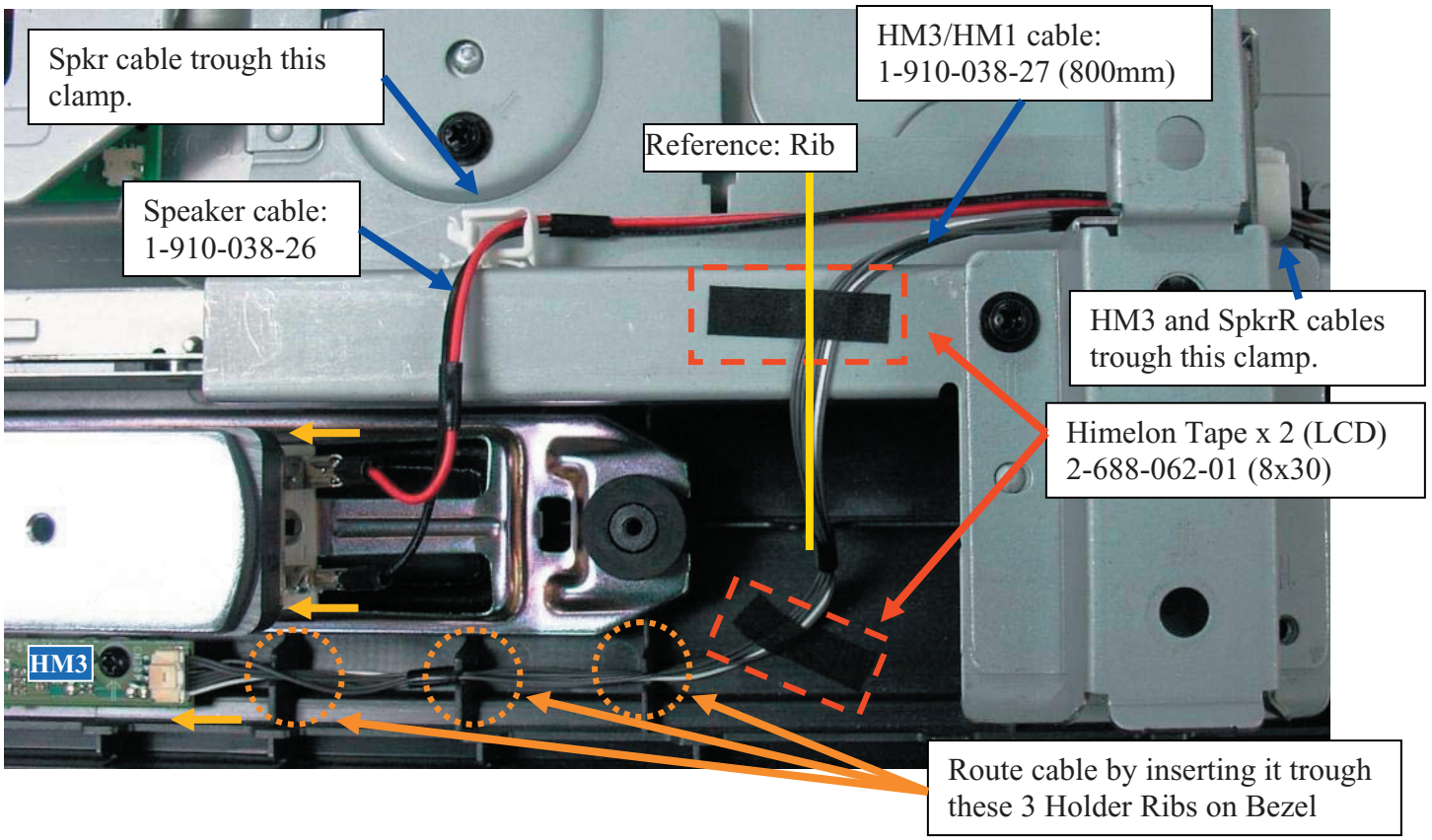


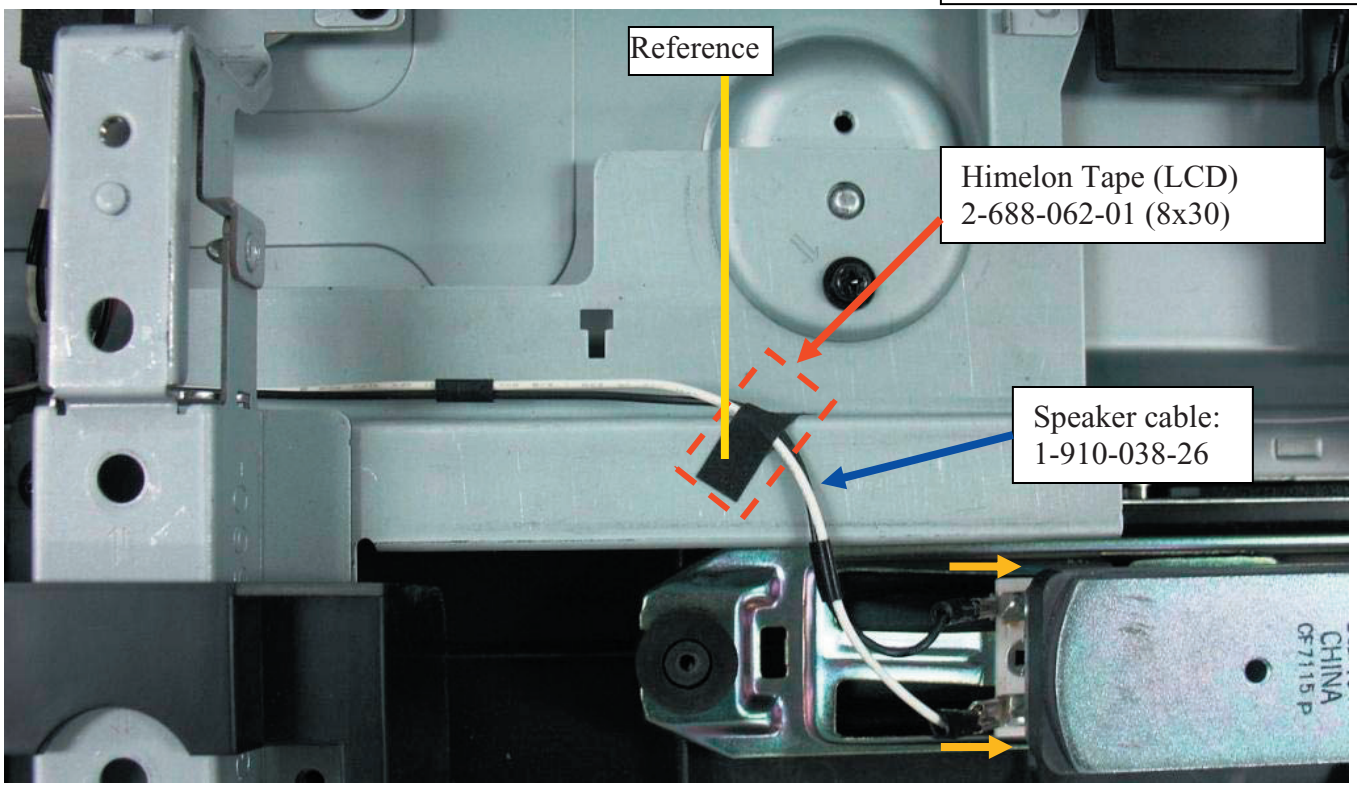


2-3. LVDS CONNECTOR (CONTINUED)

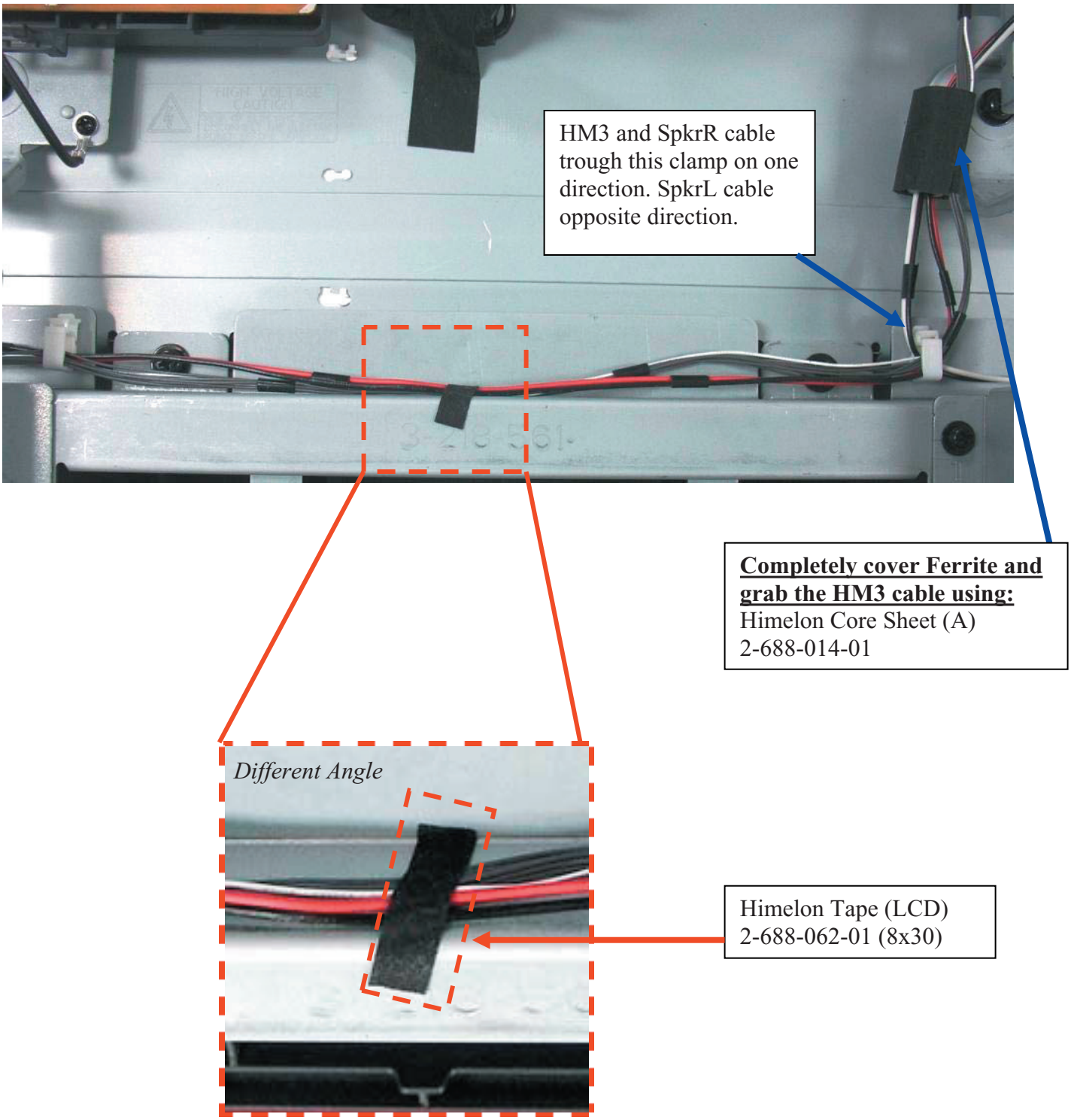

Dress LVDS cable to have this route:
Must enter between panel and Bottom shield in vertical direction.
Reference for LVDS cable entry point
Fix LVDS cable position using:
Himelon Tape
2-688-011-01 (15x60)

2-4. HM3 BOARD AND SPEAKERS

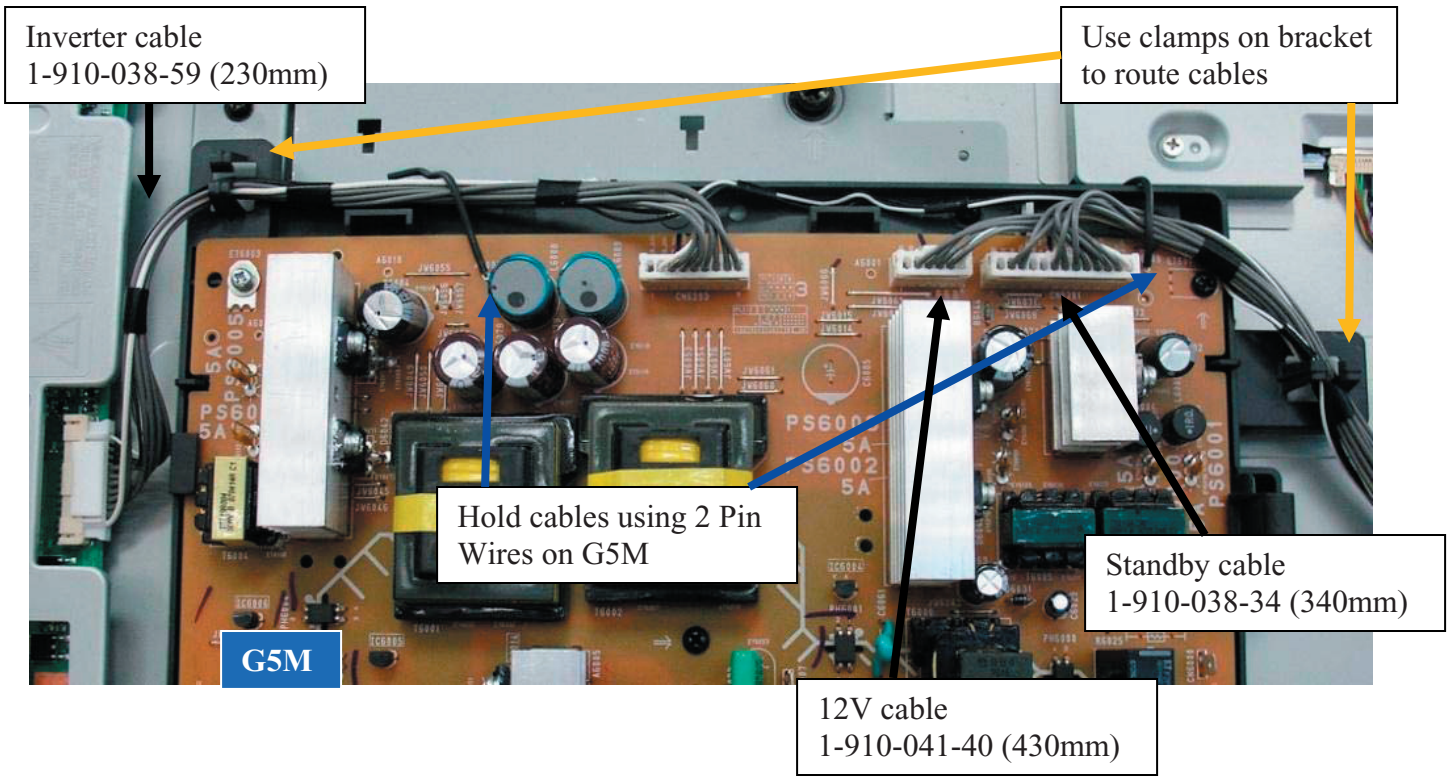

Spkr cable trough this clamp.
HM3/HM1 cable: 1-910-038-27 (800mm)
Reference: Rib
Speaker cable: 1-910-038-26
HM3 and SpkrR cables trough this clamp.
Himelon Tape x 2 (LCD) 2-688-062-01 (8x30)
HM3
Route cable by inserting it trough these 3 Holder Ribs on Bezel

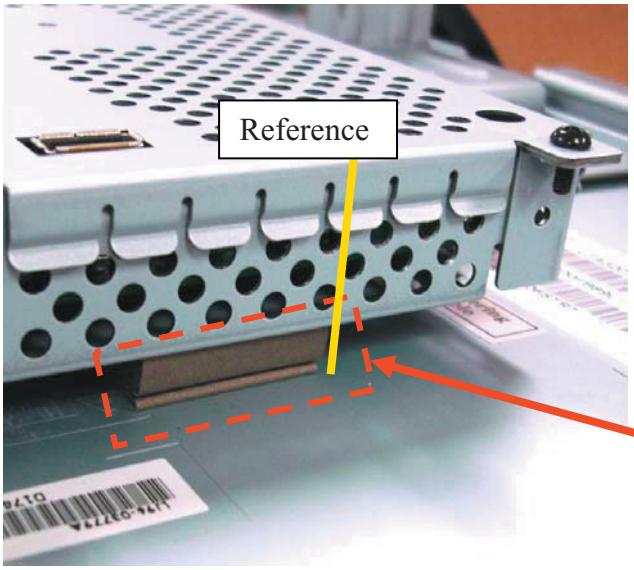


2-5. HM3 BOARD AND SPEAKERS (CONTINUED)

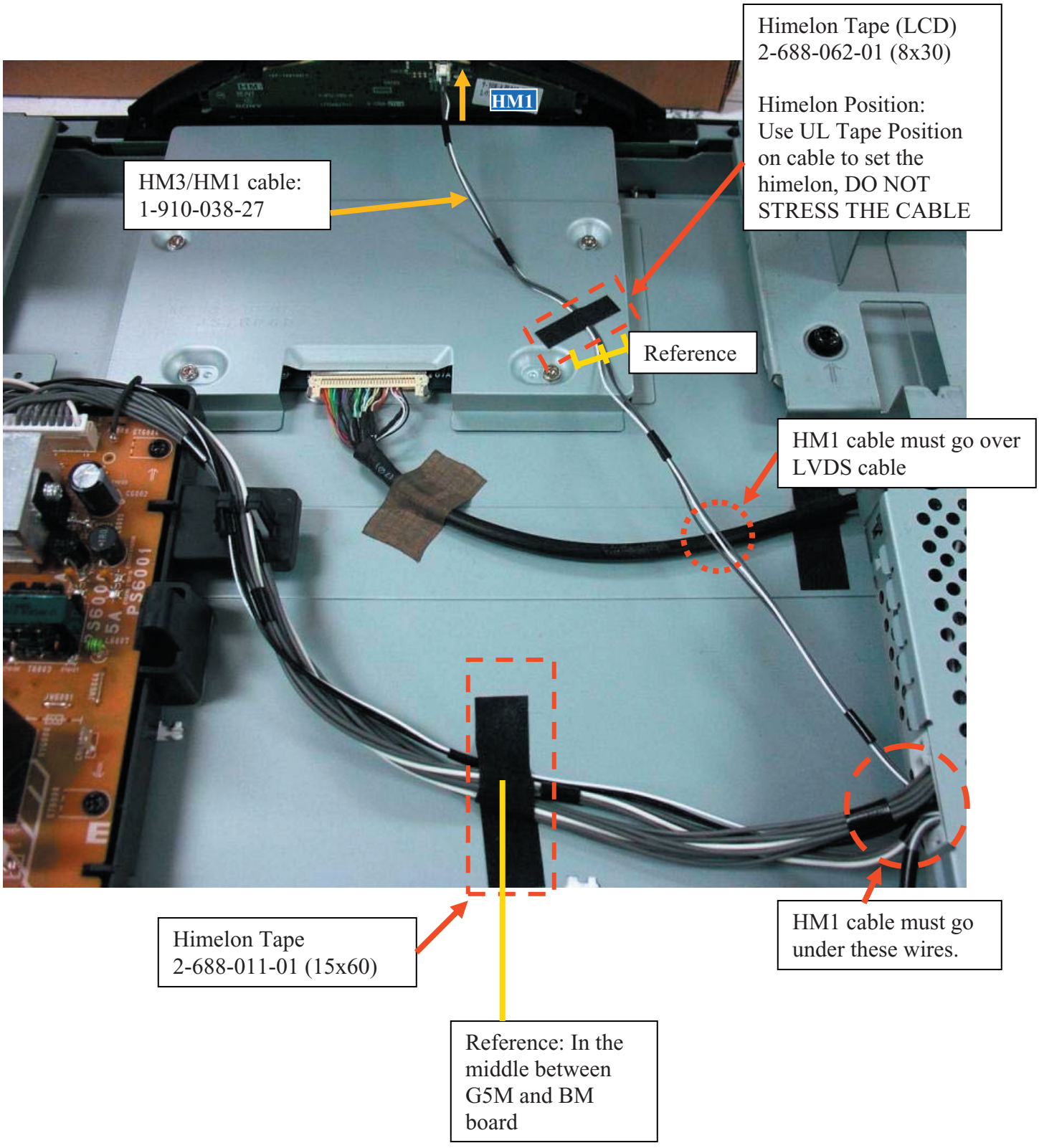

HM3 and SpkrR cable trough this clamp on one direction. SpkrL cable opposite direction.
Completely cover Ferrite and grab the HM3 cable using:
Himelon Core Sheet (A)
2-688-014-01
Different Angle
Himelon Tape (LCD)
2-688-062-01 (8x30)

2-6. G5M BOARD CONNECTORS

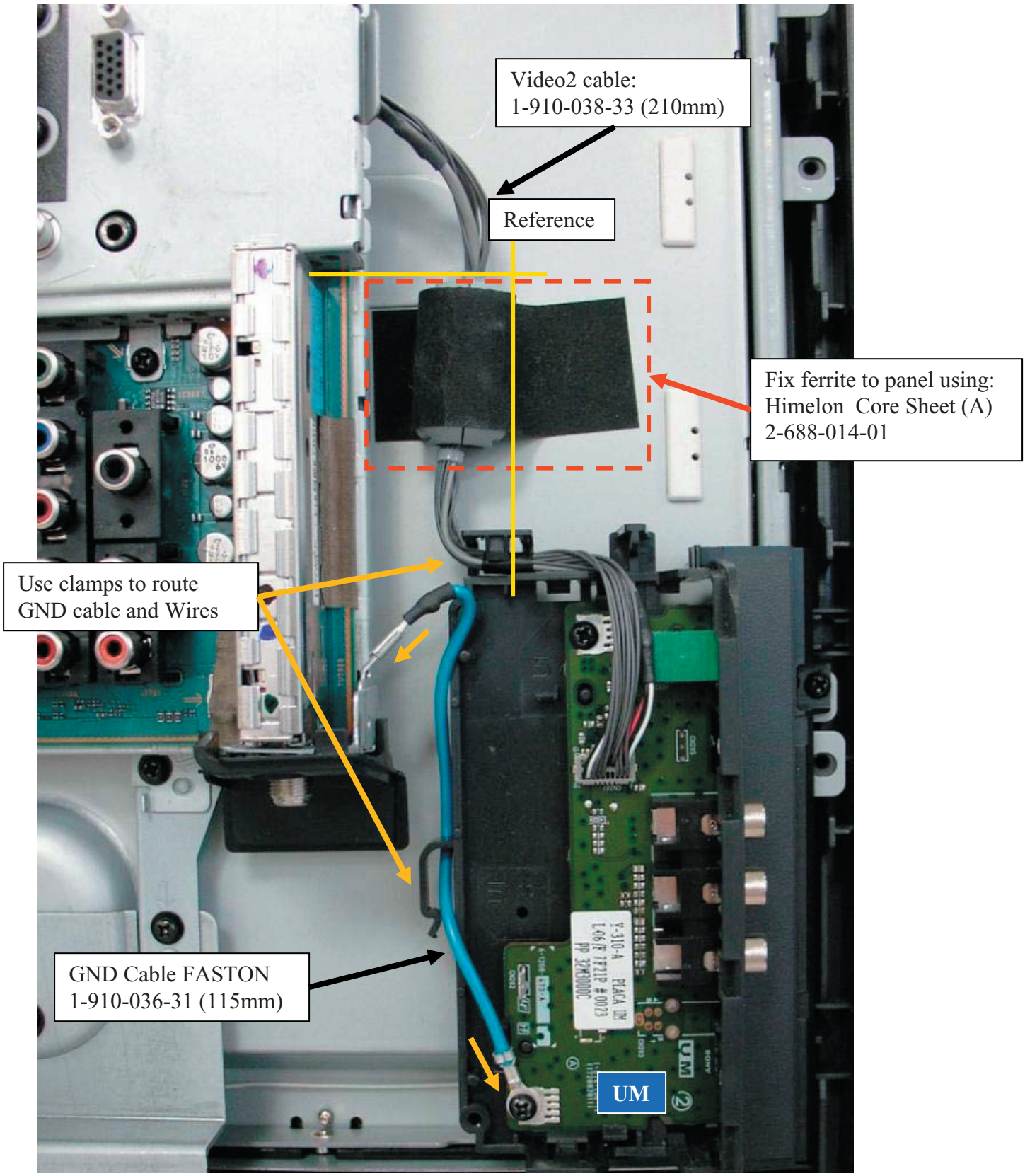




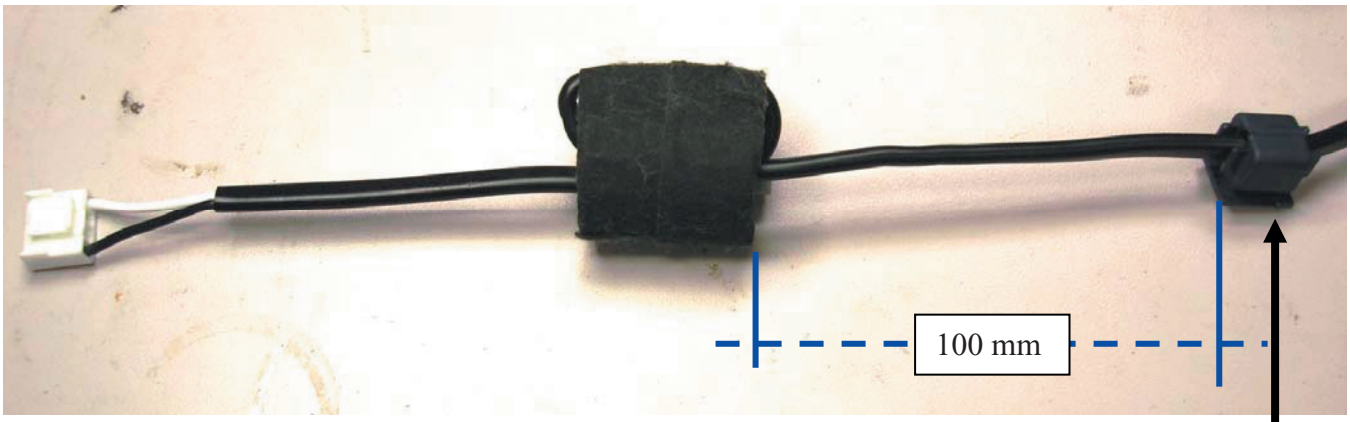
2-7. HM1 BOARD

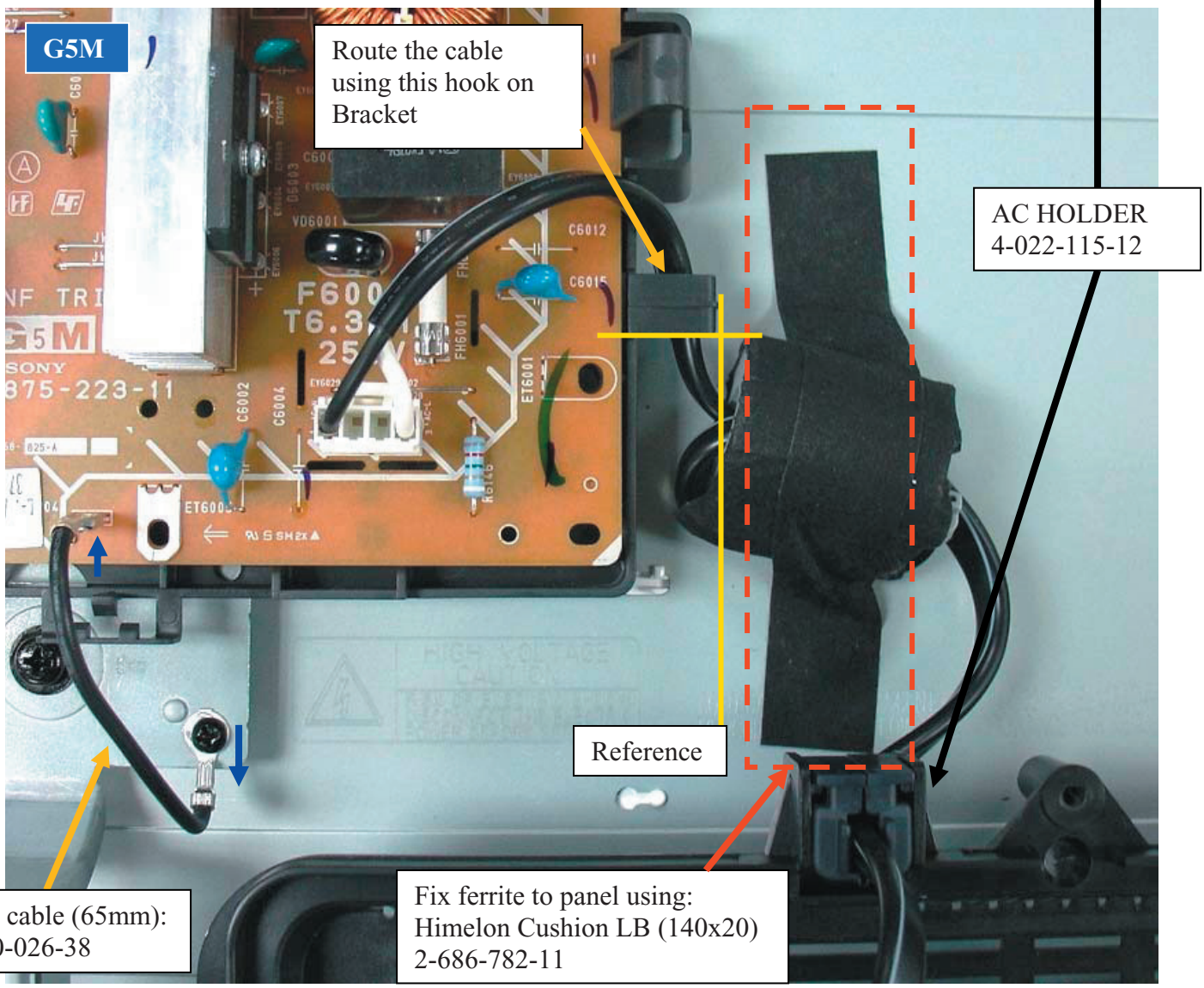

Himelon Tape (LCD)
2-688-062-01 (8x30)
Himelon Position:
Use UL Tape Position on cable to set the himelon, DO NOT STRESS THE CABLE
HM1
HM3/HM1 cable:
1-910-038-27
Reference
HM1 cable must go over LVDS cable
Himelon Tape
2-688-011-01 (15x60)
HM1 cable must go under these wires.
Reference: In the middle between G5M and BM board

2-8. VIDEO 2 CABLE

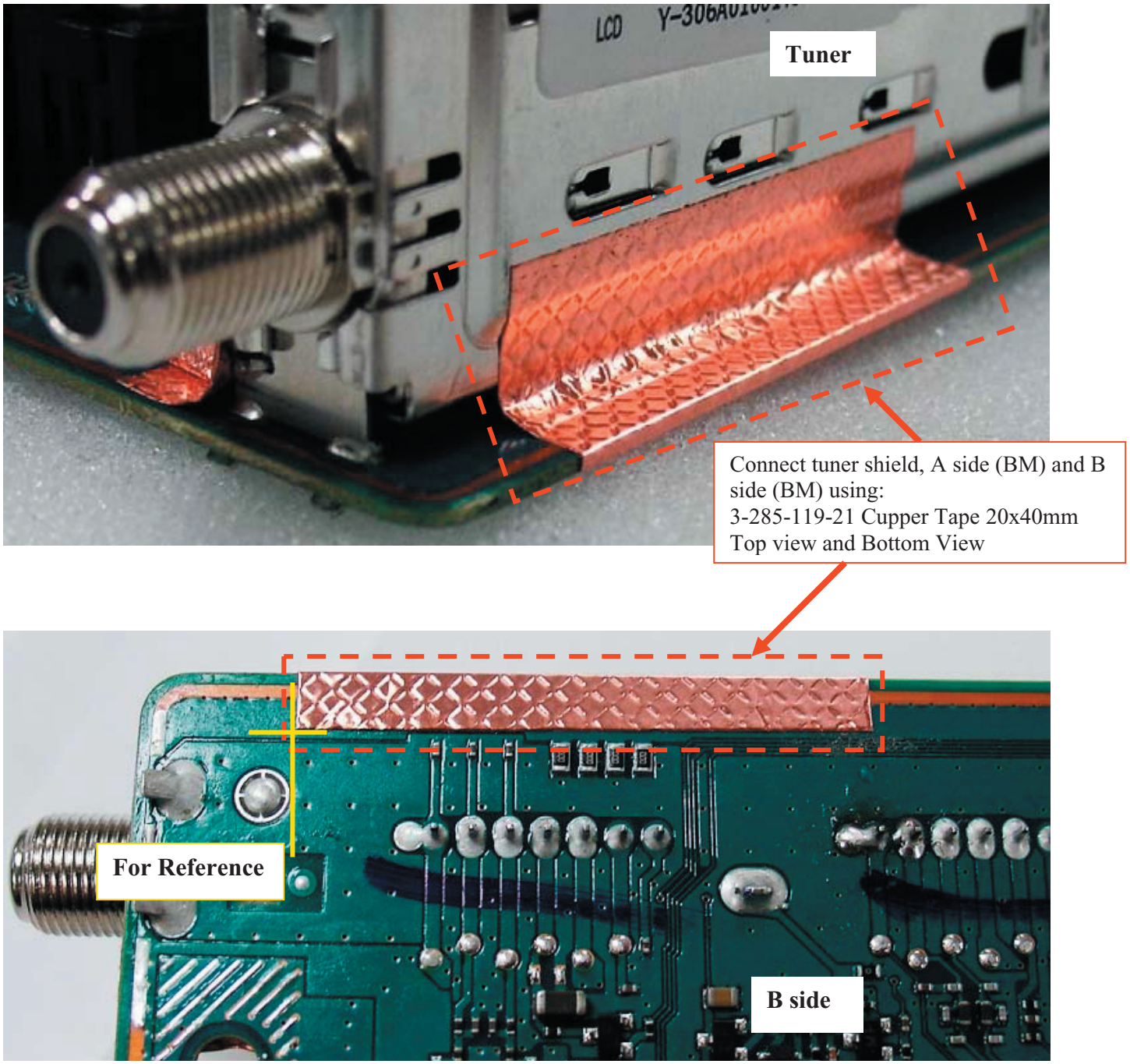


2-9. AC CORD

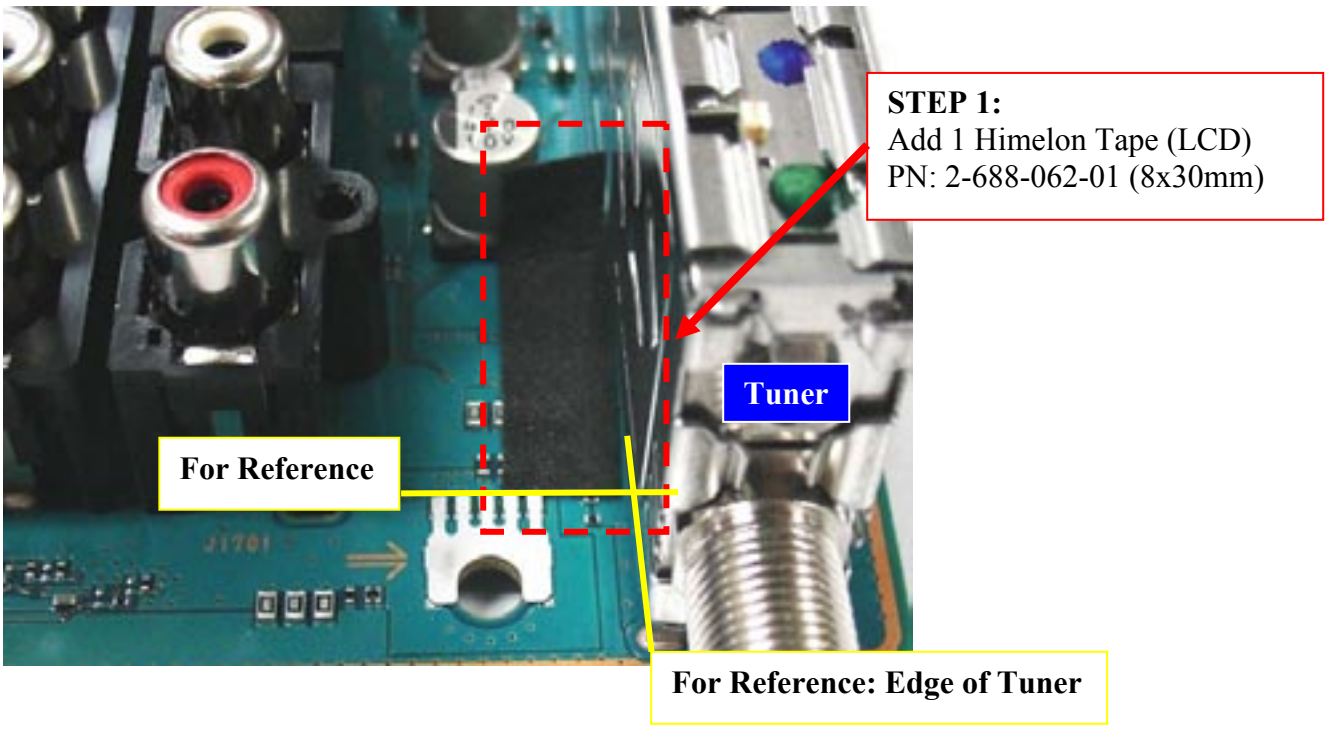

100 mm

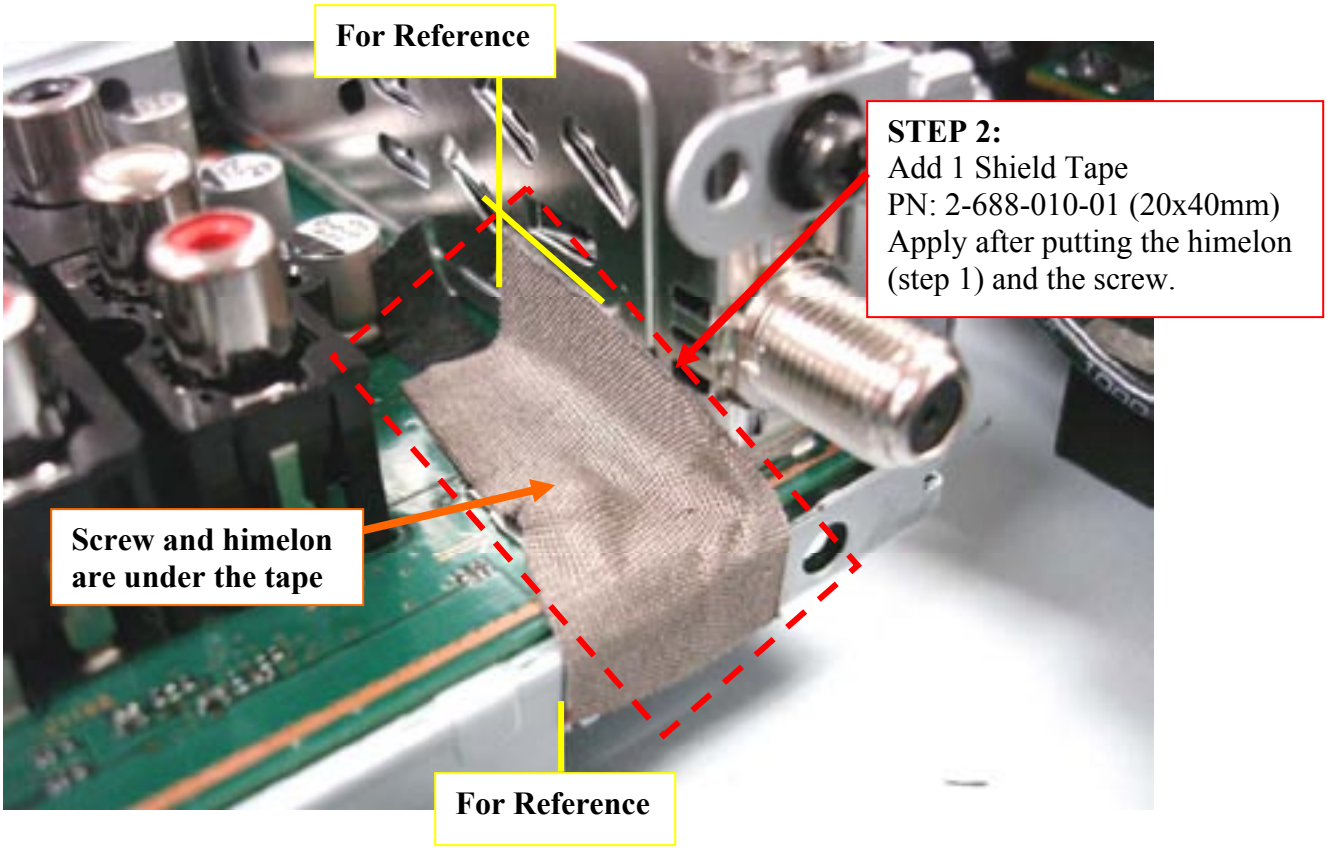

G5M
Route the cable using this hook on Bracket
AC HOLDER
4-022-115-12
Reference
GND cable (65mm):
1-910-026-38
Fix ferrite to panel using:
Himelon Cushion LB (140x20)
2-686-782-11

2-10. TUNER

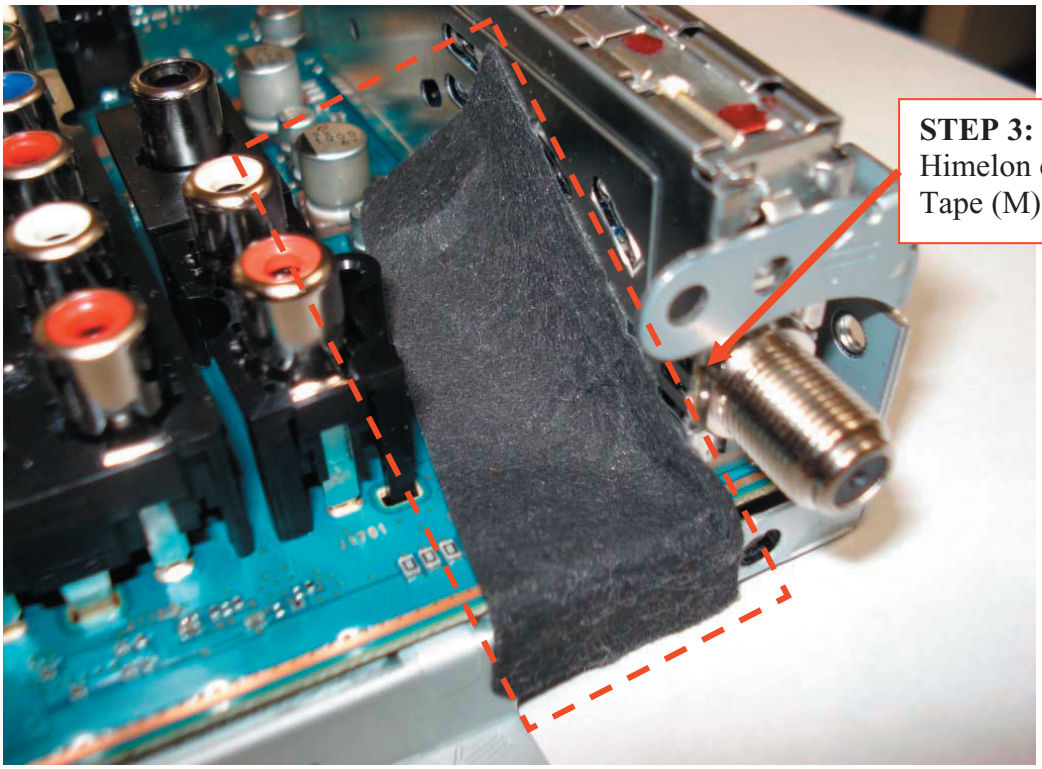

Tuner
Connect tuner shield, A side (BM) and B side (BM) using:
3-285-119-21 Cupper Tape 20x40mm
Top view and Bottom View
For Reference
B side

2-11. TUNER (CONTINUED)





2-12. TUNER (CONTINUED)



STEP 3:
Himelon covering Shield Tape
Tape (M) 3-281-428-01

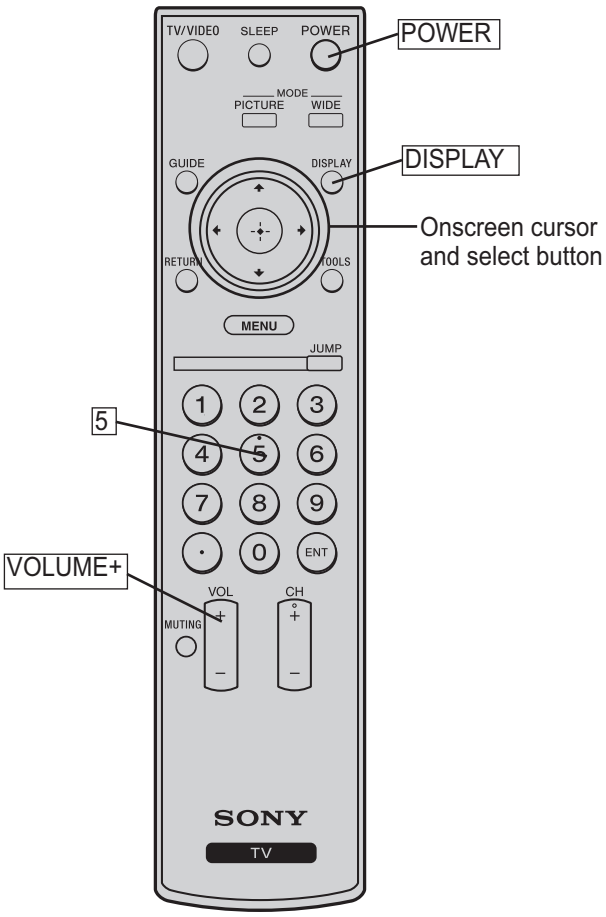
SECTION 3: SERVICE ADJUSTMENTS

3-1. USING THE REMOTE COMMANDER FOR ELECTRICAL ADJUSTMENTS

To adjust various set features, use the Remote Commander to put the set into service mode to display the service menus and categories.

3-2. ACCESSING SERVICE ADJUSTMENT MODE

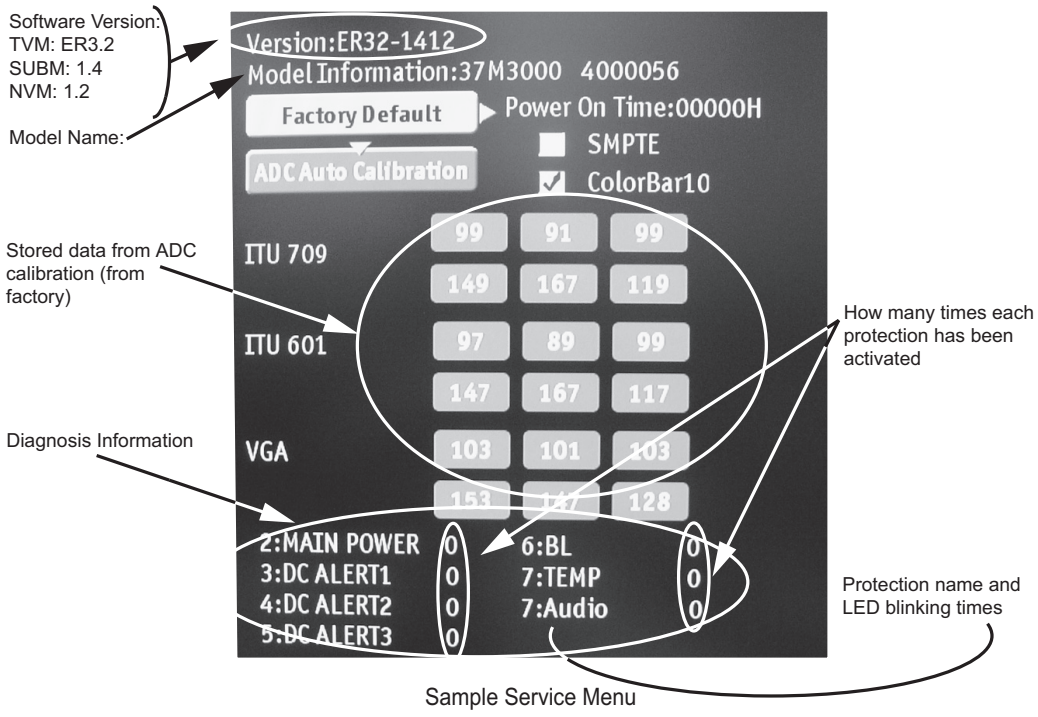
1. TV must be in standby mode. (Power off).
2. To display the service menu, press the following buttons on the Remote Commander within a second of each other:
   DISPLAY ➡ Channel 5 ➡ Volume + ➡ POWER.



RM-YD021

3-3. VIEWING THE SERVICE MENUS

Use the Remote Commander to view the BE and Digital service menus options.



Sample Service Menu

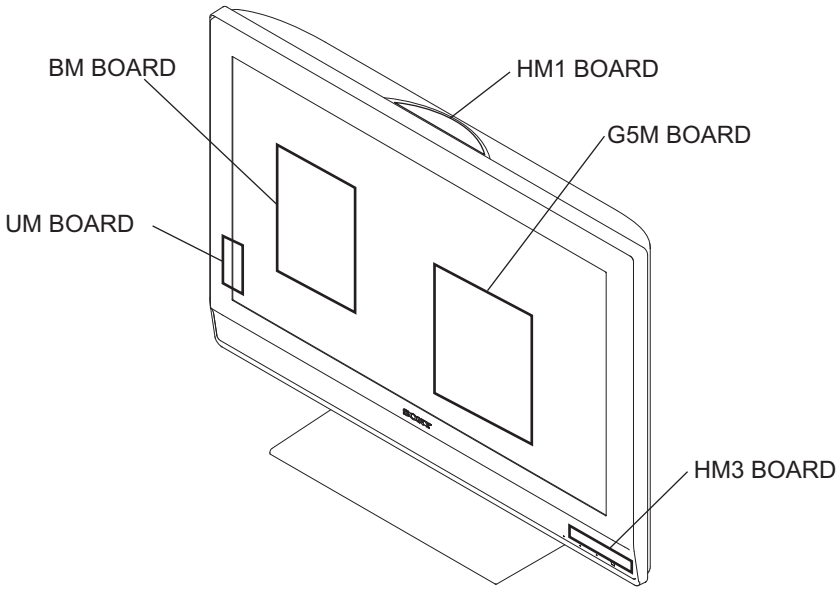
3-4. RESETTING TO FACTORY DEFAULTS

The following instructions restore the User Controls and Channel Memory settings to the preset factory conditions.

1. In Service Mode to select **Factory Default** press ⊕, then to select **Yes** press ⊕.

SECTION 4: DIAGRAMS

4-1. CIRCUIT BOARDS LOCATION



4-2. PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS INFORMATION

All capacitors are in µF unless otherwise noted. pF : µµF 50WV or less are not indicated except for electrolytics and tantalums.

All electrolytics are in 50V unless otherwise specified.

All resistors are in ohms. kΩ=1000Ω, MΩ=1000kΩ

Indication of resistance, which does not have one for rating electrical power, is as follows: Pitch : 5mm
Rating electrical power : $^1/_4$ W

$^1/_4$ W in resistance, $^1/_{10}$ W and $^1/_{16}$ W in chip resistance.

: nonflammable resistor

: fusible resistor

△ : internal component

: panel designation and adjustment for repair

⊥ : earth ground

: earth-chassis

All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

Readings are taken with a color-bar signal input.

Readings are taken with a 10MΩ digital multimeter.

Voltages are DC with respect to ground unless otherwise noted.

Voltage variations may be noted due to normal production tolerances.

All voltages are in V.

S : Measurement impossibility.

: B+line.

: B-line. (Actual measured value may be different).

: signal path. (RF)

Circled numbers are waveform references.

The components identified by shading and ⚠ symbol are critical for safety. Replace only with part number specified.

The symbol indicates a fast operating fuse and is displayed on the component side of the board. Replace only with fuse of the same rating as marked.

Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

Le symbole indique une fusible a action rapide. Doit etre remplace par une fusible de meme yaleur, comme maque.

NOTE: The components identified by a red outline and a mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

REFERENCE INFORMATION

RESISTOR

: RN	METAL FILM
: RC	SOLID
: FPRD	NONFLAMMABLE CARBON
: FUSE	NONFLAMMABLE FUSIBLE
: RW	NONFLAMMABLE WIREWOUND
: RS	NONFLAMMABLE METAL OXIDE
: RB	NONFLAMMABLE CEMENT
: ※	ADJUSTMENT RESISTOR

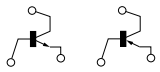
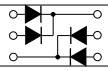
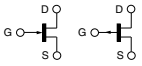
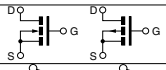
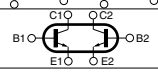
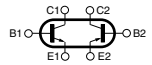
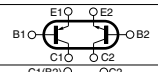
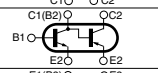
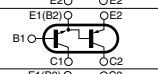
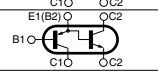
CAPACITOR

: TA	TANTALUM
: PS	STYROL
: PP	POLYPROPYLENE
: PT	MYLAR
: MPS	METALIZED POLYESTER
: MPP	METALIZED POLYPROPYLENE
: ALB	BIPOLAR
: ALT	HIGH TEMPERATURE
: ALR	HIGH RIPPLE

COIL

: LF-8L MICRO INDUCTOR

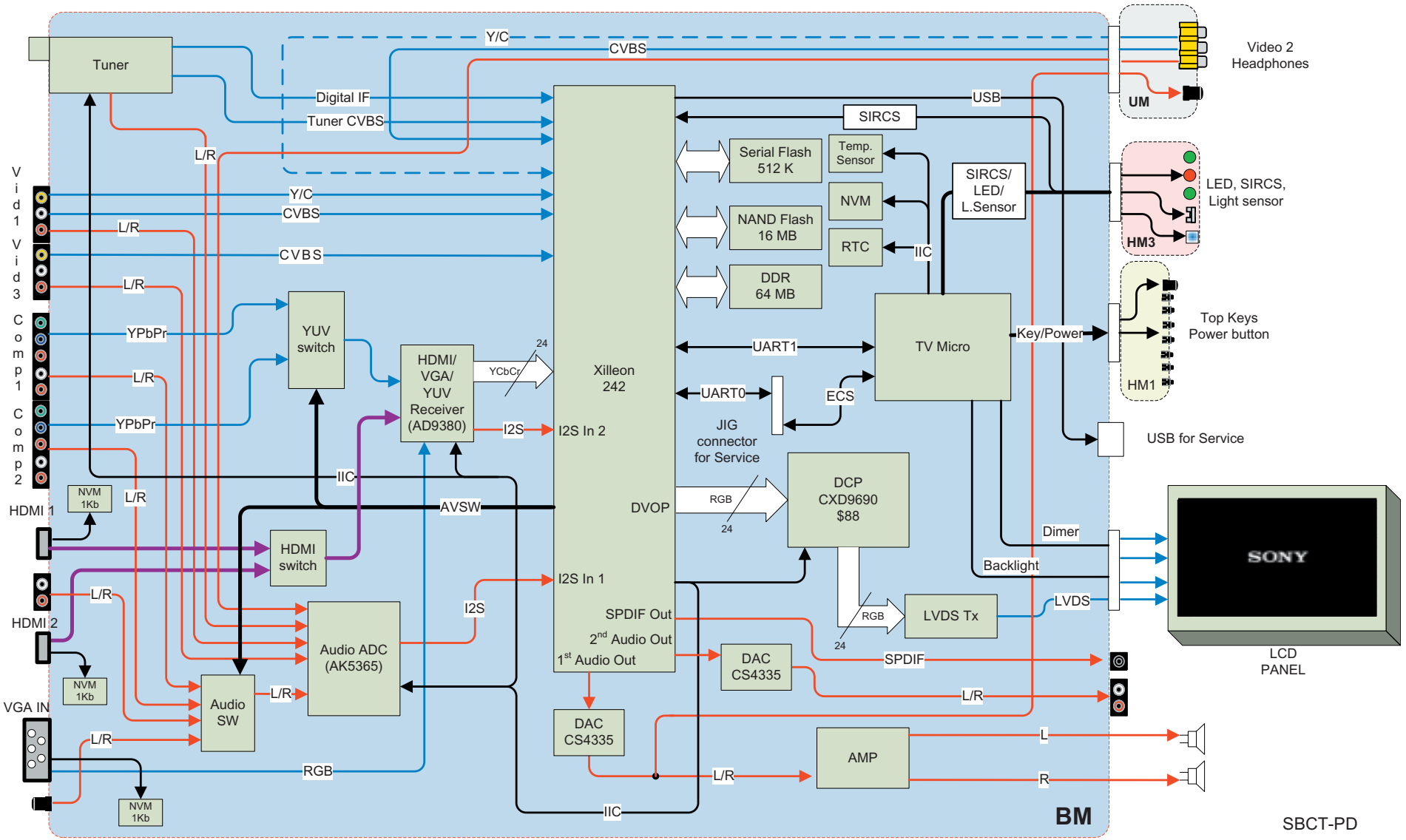
Terminal name of semiconductors in silk screen printed circuit (※)

	Device	Printed symbol	Terminal name	Circuit
1	Transistor		Collector Base Emitter	
2	Transistor		Collector Base Emitter	
3	Diode		Cathode Anode	
4	Diode		Cathode Anode (NC)	
5	Diode		Cathode Anode (NC)	
6	Diode		Common Anode Cathode	
7	Diode		Common Anode Cathode	
8	Diode		Common Anode Anode	
9	Diode		Common Anode Anode	
0	Diode		Common Cathode Cathode	
!¡	Diode		Common Cathode Cathode	
!™	Diode		Anode Cathode Anode Anode Cathode Anode	
!£	Transistor (FET)		Drain Source Gate	
!¢	Transistor (FET)		Drain Source Gate	
!?	Transistor (FET)		□ Source □ Drain □ Gate	
!§	Transistor		□ Emitter □ Collector □ Base	
!¶	Transistor		C2 B1 E1 E2 B2 C1	
!•	Transistor		C1 B2 E2 E1 B1 C2	
!ª	Transistor		C1 B2 E2 E1 B1 C2	
@º	Transistor		C1 B2 E2 E1 B1 C2	
@¡	Transistor		E2 B1 E1 C2 C1(B2)	
@™	Transistor		(B2) B1 E1 E2 C1 C2	
@£	Transistor		(B2) E2 E1 B1 C2 C1	
–	Discrete semiconductot			

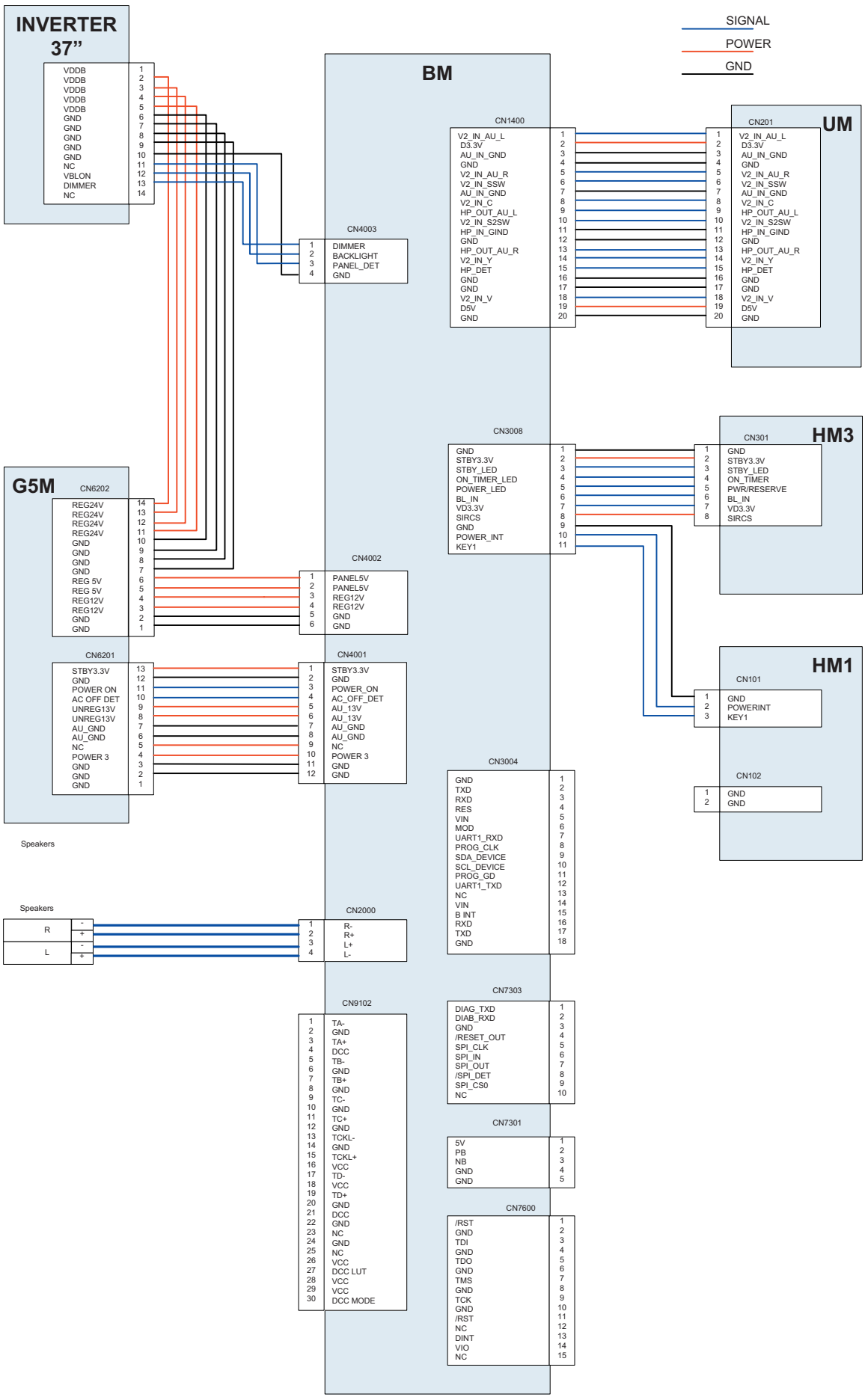
(Chip semiconductors that are not actually used are included.)

Ver.1.6

4-3. BLOCK DIAGRAM



4-4. CONNECTION DIAGRAM



4-5. SCHEMATICS AND SUPPORTING INFORMATION

BM BOARD SCHEMATIC DIAGRAM (1 OF 12)

VideoInput1

VideoInput3

ComponentInput1

ComponentInput2

VideoInput2

PC_LR IN

TO AUDIO

Coax/Audio Output

AUDIO IN

BM 1/12

I/O TERMINALS

BM BOARD SCHEMATIC DIAGRAM (2 OF 12)

AUDIO SWITCH / ADC

AUDIO AMP

HEADPHONE OUTPUTS

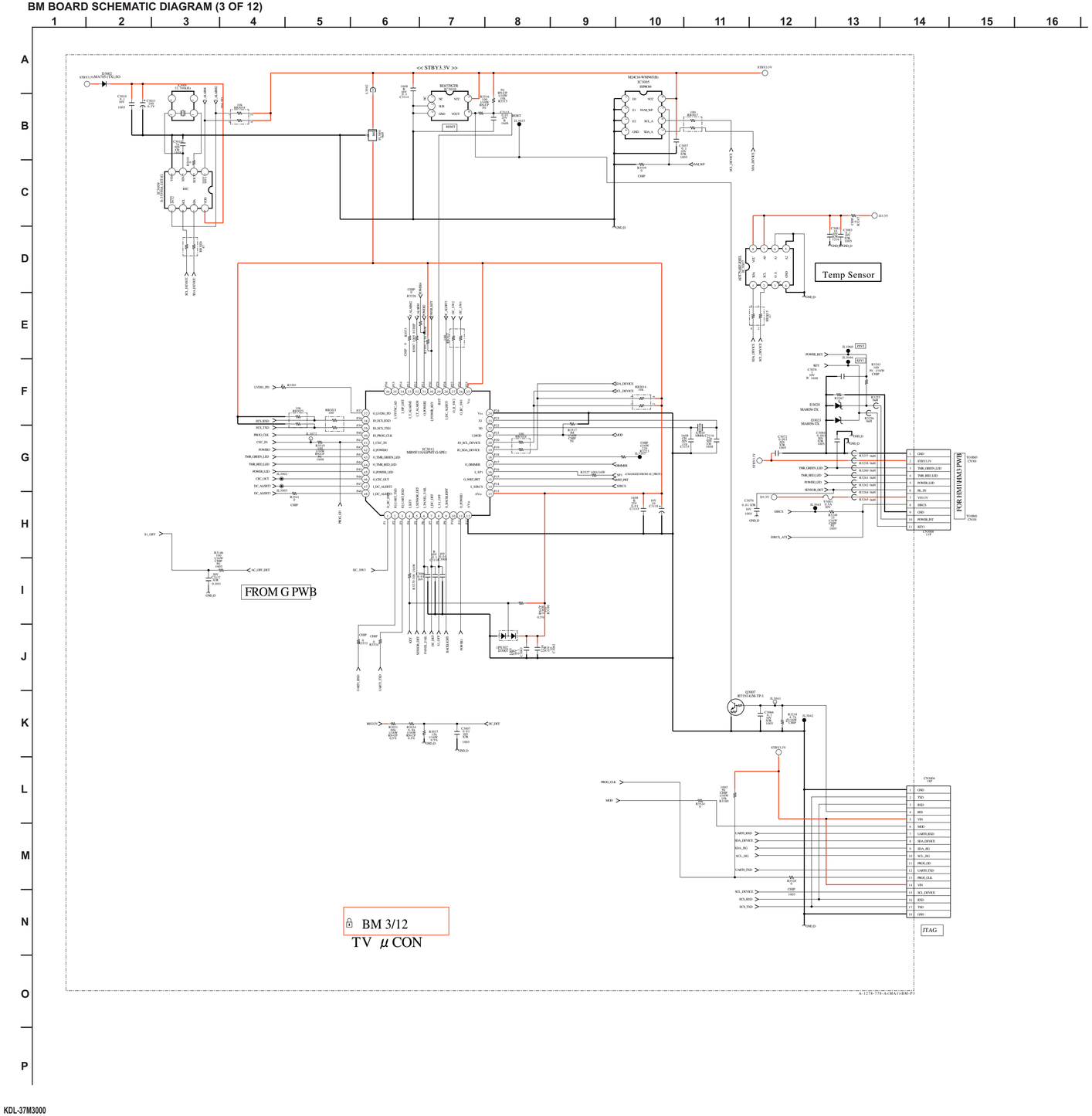
TO DETECT

TO SPEAKERS

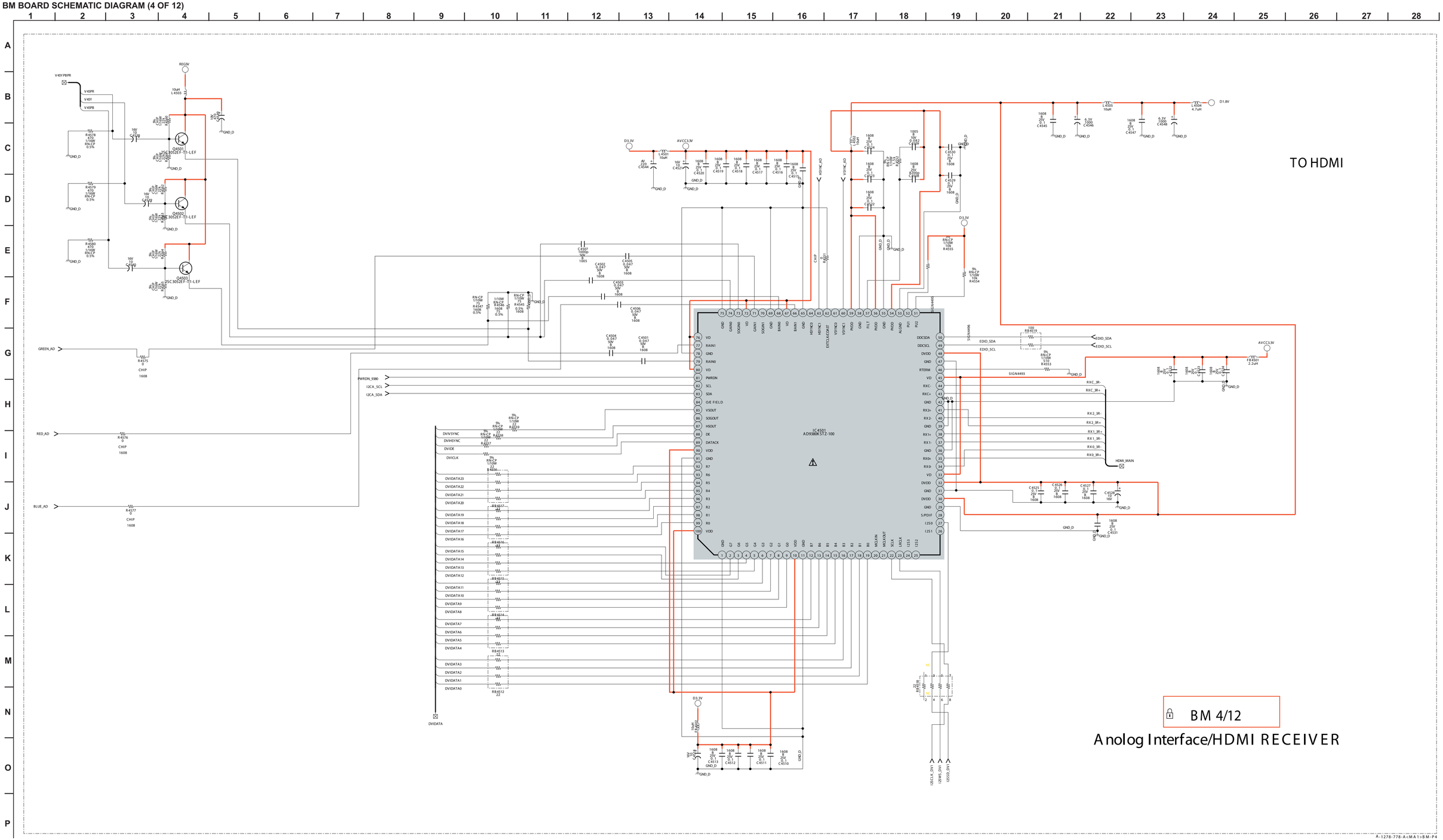
BM 2/12

AUDIO

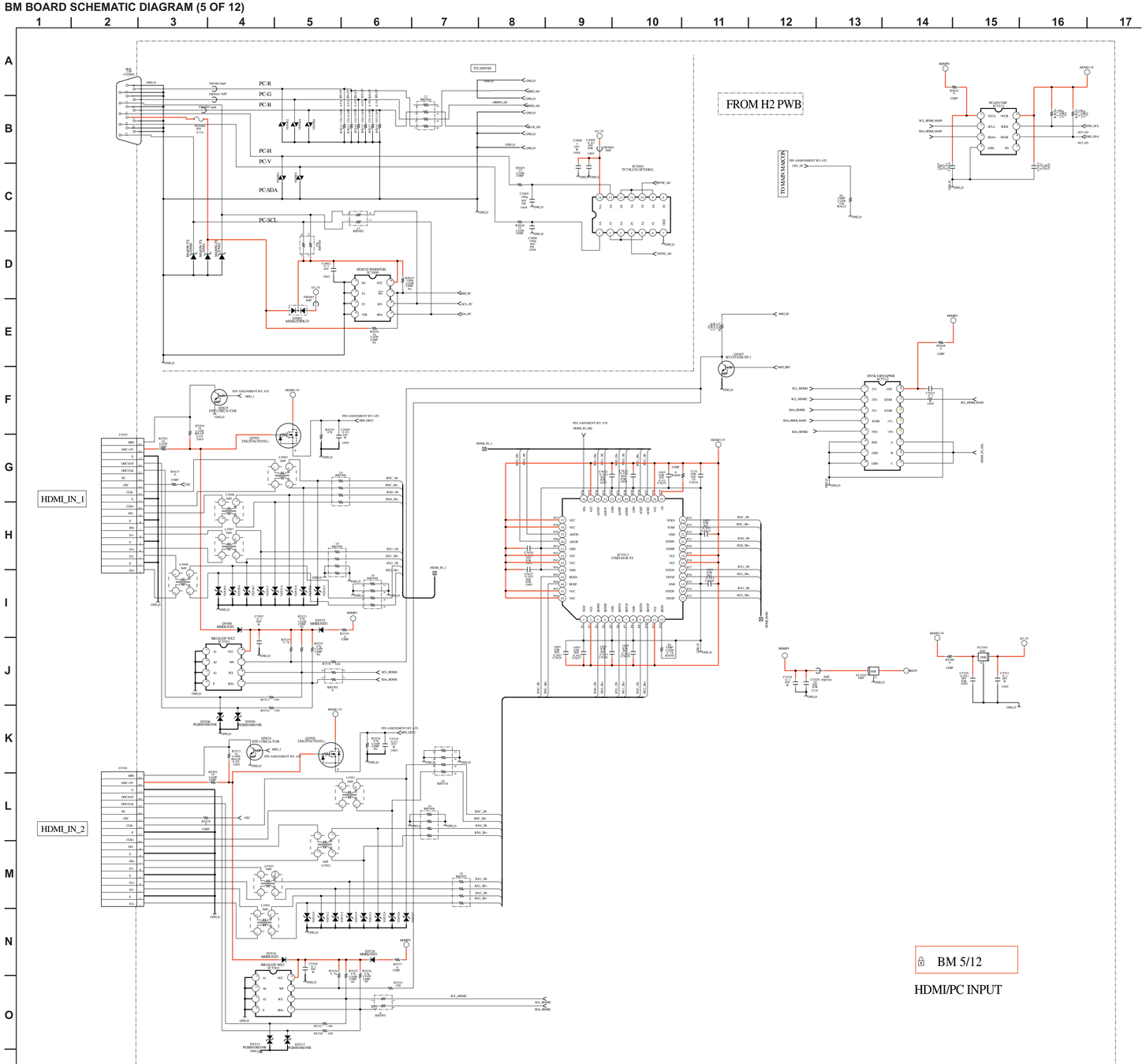
BM BOARD SCHEMATIC DIAGRAM (3 OF 12)



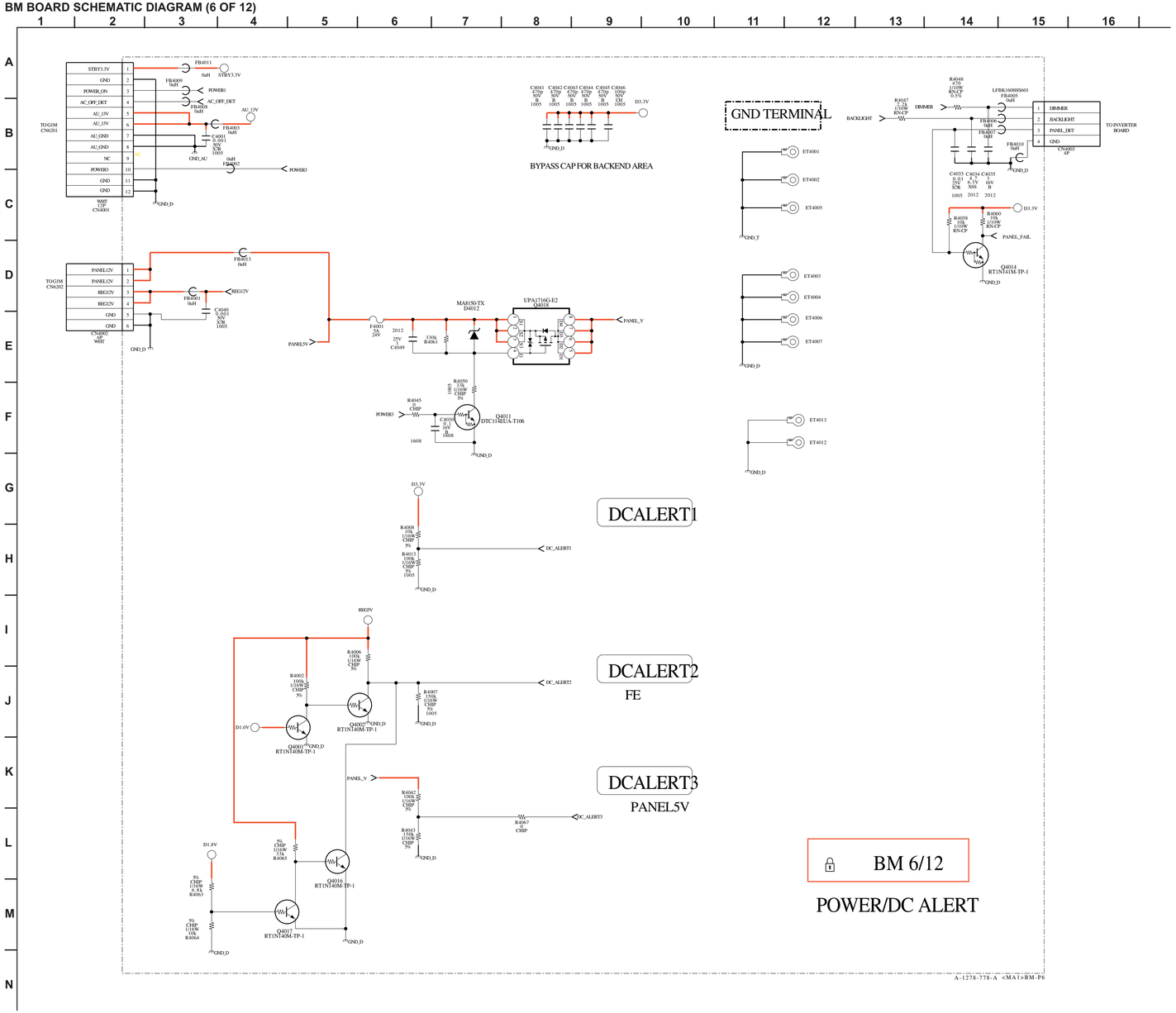
BM BOARD SCHEMATIC DIAGRAM (4 OF 12)



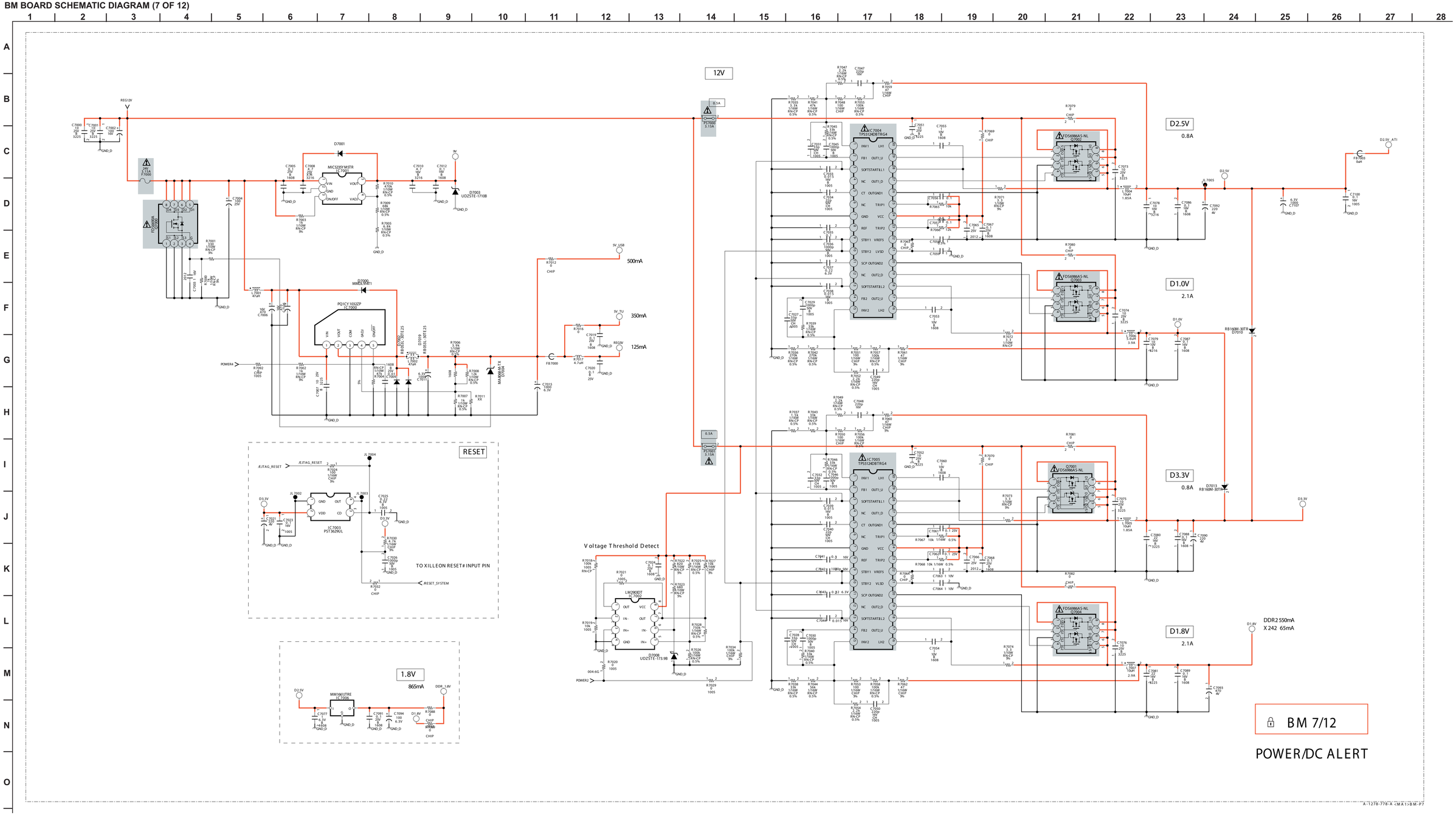
BM BOARD SCHEMATIC DIAGRAM (5 OF 12)



BM BOARD SCHEMATIC DIAGRAM (6 OF 12)



BM BOARD SCHEMATIC DIAGRAM (7 OF 12)



BM BOARD SCHEMATIC DIAGRAM (8 OF 12)

XILLEON242 GROUND BALLS

GROUND BALLS

XILLEON242

IC7200 219HAALAT1HG2

ASIC CORE POWER

POWER_SUPPLY

POWER_SUPPLY_FOR_XILLEON242

CORE_1.0V

D1.0V

(NEED <50mV NOISE)

POWER MEMORY IO (1.8V)

VDDR_MEM

IO POWER 3.3V PIN (e.g.GPIO)

D3.3V

POWER_SUPPLY_FOR_XILLEON242

D2.5V_ATI

XILLEON242 CLOCK PLL

CLK_PLL

D2.5V_ATI

D1.0V

FLEX_BUS_XILLEON242

FLEXBUS_IF

FLEXBUS_STRAP

FADB
FAD9
FAD10
FAD11

PD_DET2
W_AFT
AFT_UP
SP_MUTE
AFT_DN
FADB
FAD9
FAD10
FAD11
AFT_SW
HPD_1
HPD_2
HPD_DET1
HDMI_IN_SEL

Mount Mecha A7300 409815701 IC7300

A7301
A7302

USB_UART_I2C_IR_TIMER_SPI_IF

USB-A
USB-B
UART-A
UART-B
UART-C
I2C-A
I2C-C
IR
TIMER
SPI
CEC

5V_USB

IC7301 TPS2054DR

D3.3V

D1.2V

IC7302 TL7705

USB

"A" receptacle
USB SMT HORIZONTAL

CN7301 USB WHT

USB_5V
USB_PA
USB_NA
USB_GND

PORT-A IS FOR TV COMM

I2C-A IS CONFIGURED AS I2C MASTER

I2CA_SCL
I2CA_SDA

TI_MCLK

CN7303 UART

OAG_TXD
OAG_RXD
GND
RESET_OUT
SPI_CLK
SPI_IN
SPI_OUT
SUN_DET
SPI_CS0
SPI_CS1

UART1_TXD
UART1_RXD
/RESET_OUT

BM 8/12

X242 POWER/PLL /FLEXBUS
USB /PERIPHERALS

A-1228-378-A (MAIN)-BM-PB

BM BOARD SCHEMATIC DIAGRAM (9 OF 12)

DRAM PORT = 128MB

DDR2SDRAM

DRAM_IF

HY 8 1 8 T 1 2 1 6 0 0 B F - 2 .5

MEMORY CONFIGURATION

	MA CHASSIS
DDR2 MEMORY	64MB X 8 (512Mbit) 2PCS FOR DEVELOPMENT
NAND FLASH	16MB (128Mbit)

NAND FLASH DATA PROTECTION

NAND FLASH

SERIAL BOOT FLASH

STRAPS

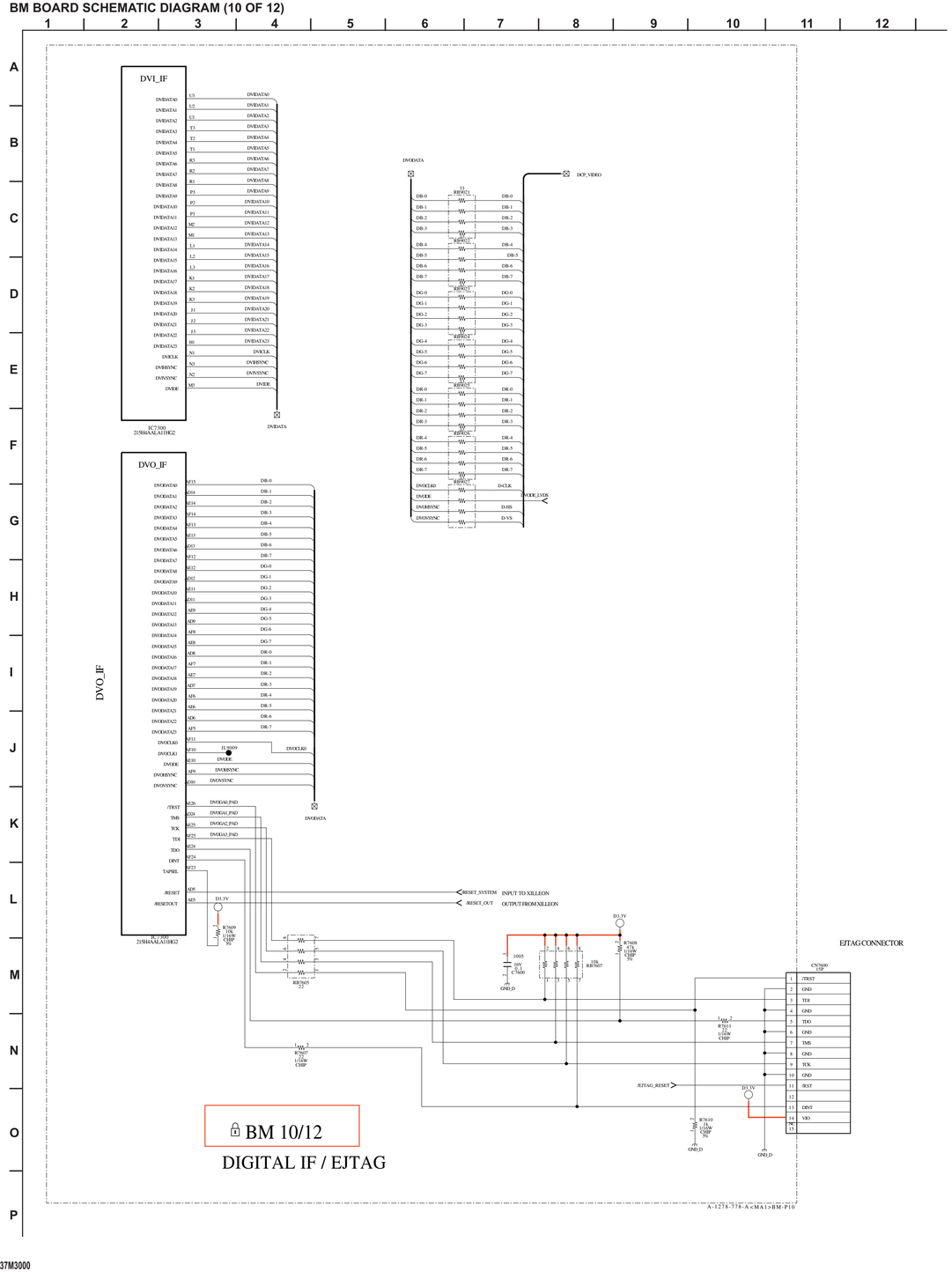
X242

NAND_FLASH_IF

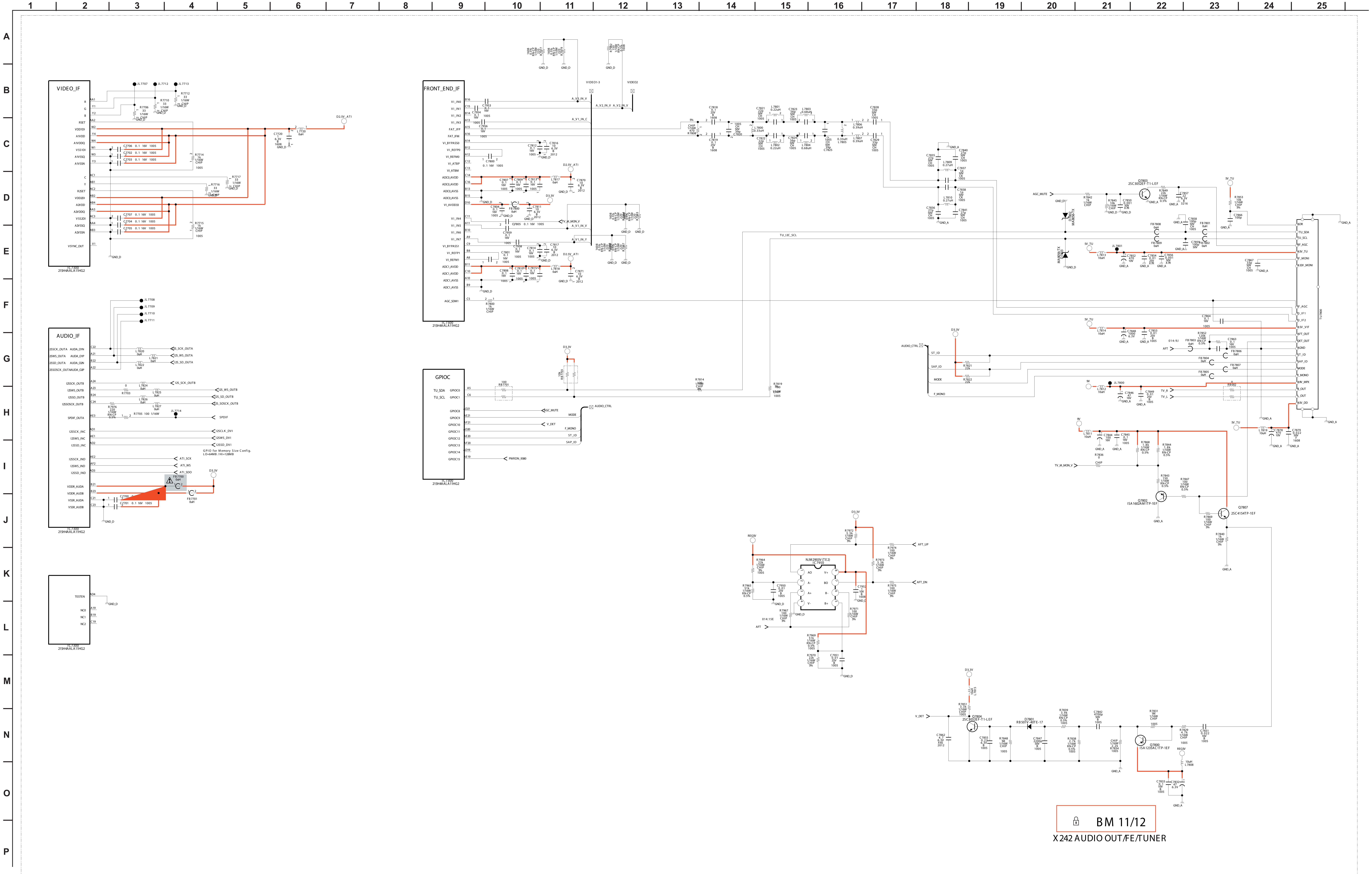
BM 9/12

DDR/FLASH/NVM

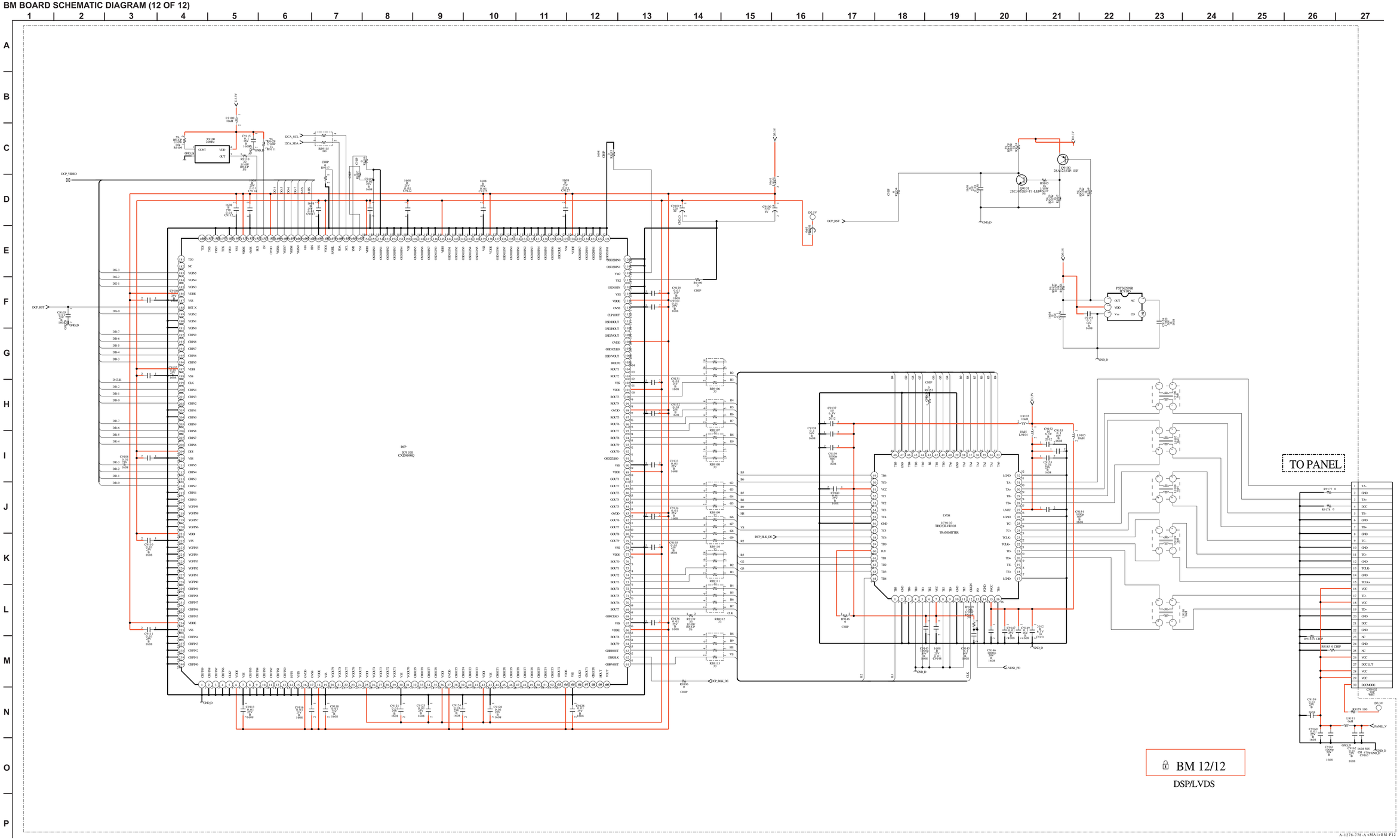
BM BOARD SCHEMATIC DIAGRAM (10 OF 12)



BM BOARD SCHEMATIC DIAGRAM (11 OF 12)

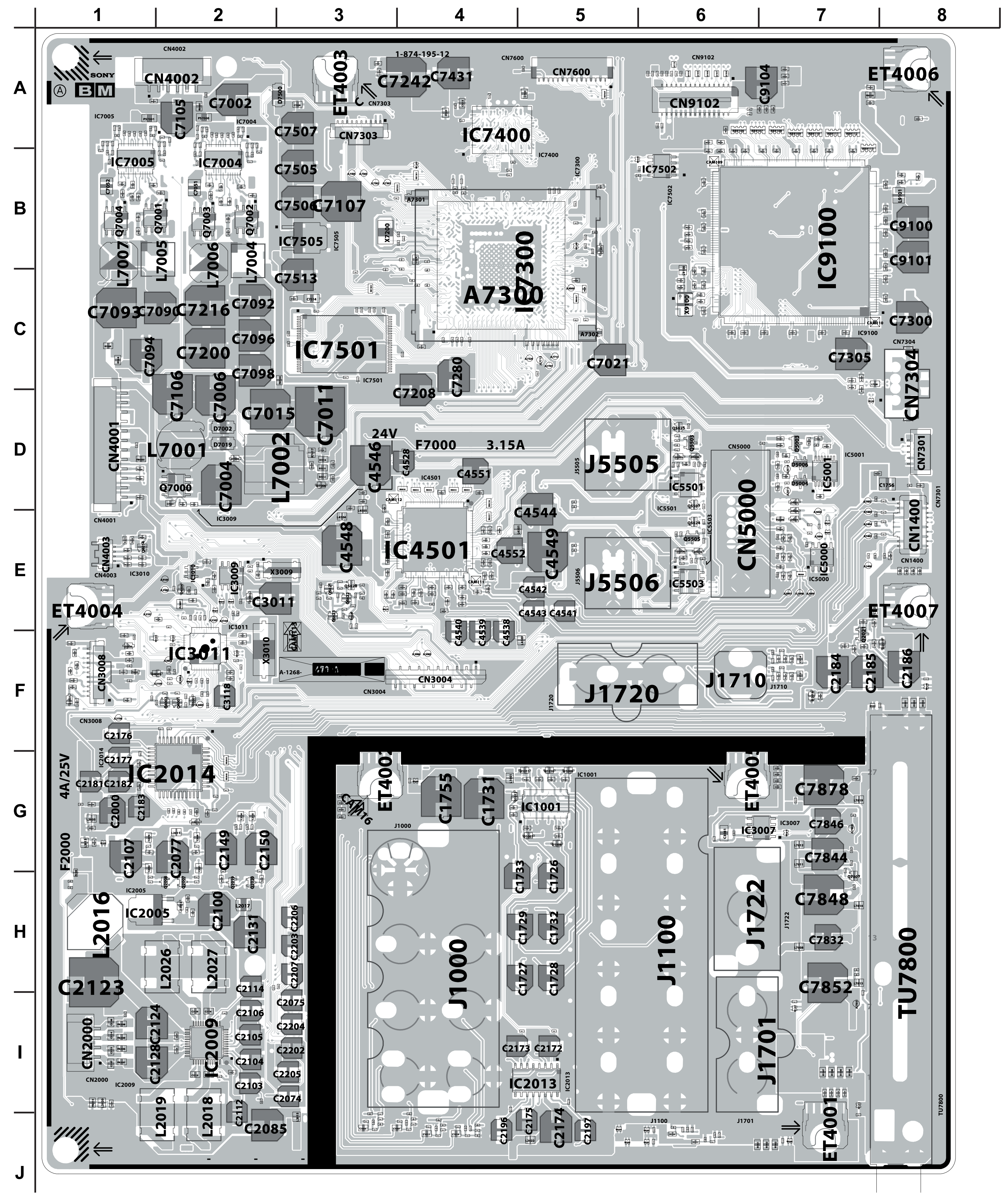

VIDEO_IF
AUDIO_IF
FRONT_END_IF
GPIOC
IC7300
215H4AALA11HG2
IC7950
NJM2903V(TE2)
TU7800
Q7803
2SC3052EF-T1-LEF
Q7804
2SC3052EF-T1-LEF
Q7802
ISA1602AM1TP-1EF
Q7807
2SC4154TP-1EF
Q7800
ISA1235AC1TP-1EF
D7801
RB501V-40TE-17
D7802
MA8056-TX
D7803
MA8056-TX
GPIO for Memory Size Config.
LO=64MB / HI=128MB
AGC_MUTE
V_DET
AFT_UP
AFT_DN
TV_M_MON_V
AUDIO_CTRL
VIDEO1-3
VIDEO2
TU_I2C_SCL
BM 11/12
X 242 AUDIO OUT/FE/TUNER
A-1278-778-A<MA1>BM-P11

BM BOARD SCHEMATIC DIAGRAM (12 OF 12)



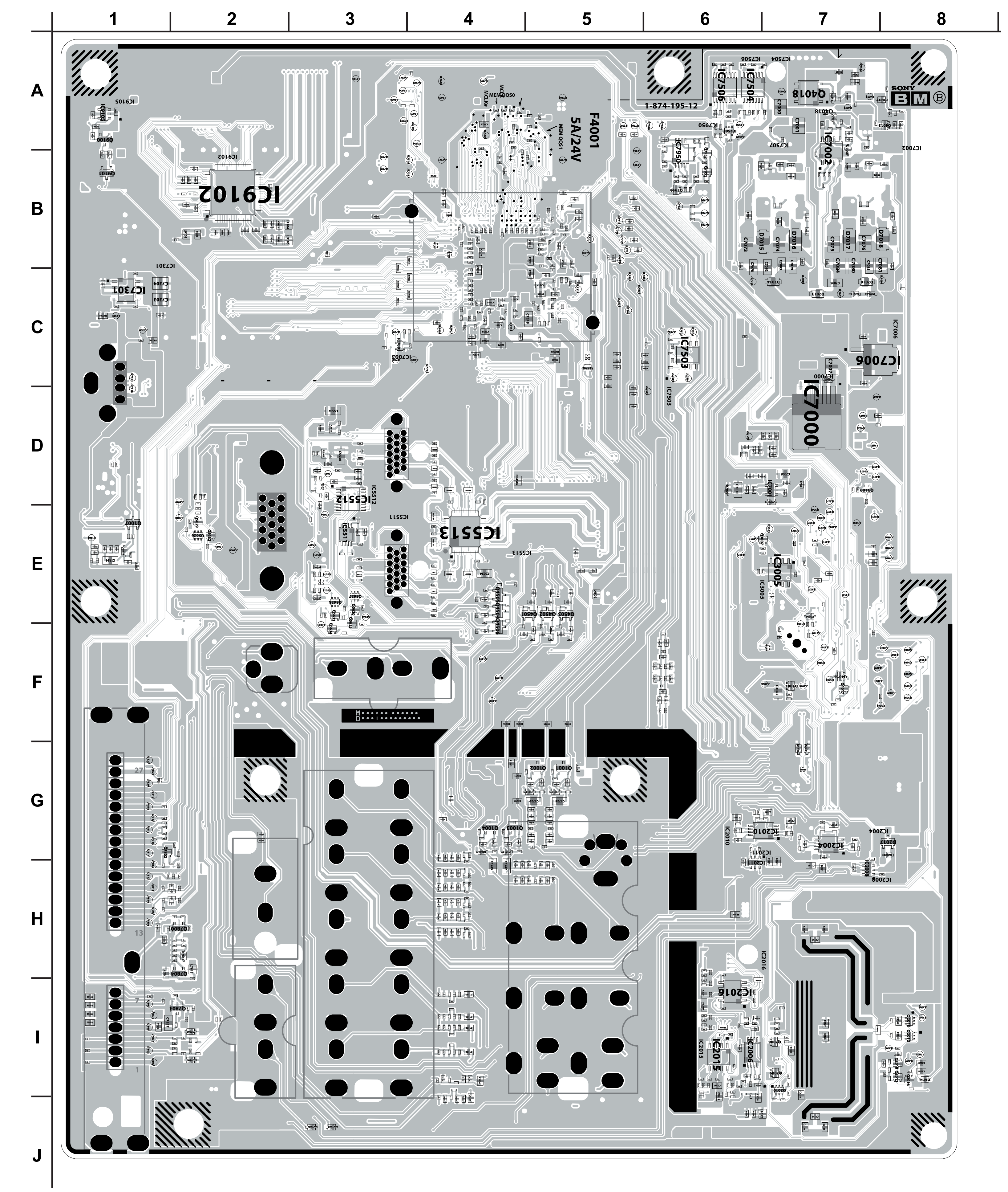
BM [I/O TERMINALS, AUDIO, TVμCON, ANALOG INTERFACE/HDMI RECEIVER, HDMI/PC INPUT, POWER/DC ALERT, X242 POWER/PLL/FLEXBUS/USB/PERIPHERALS, DDR/FLASH/NVM, DIGITAL IF/EJTAG, X242 AUDIO OUT/FE/TUNER, DSP/LVDS]

COMPONENT SIDE

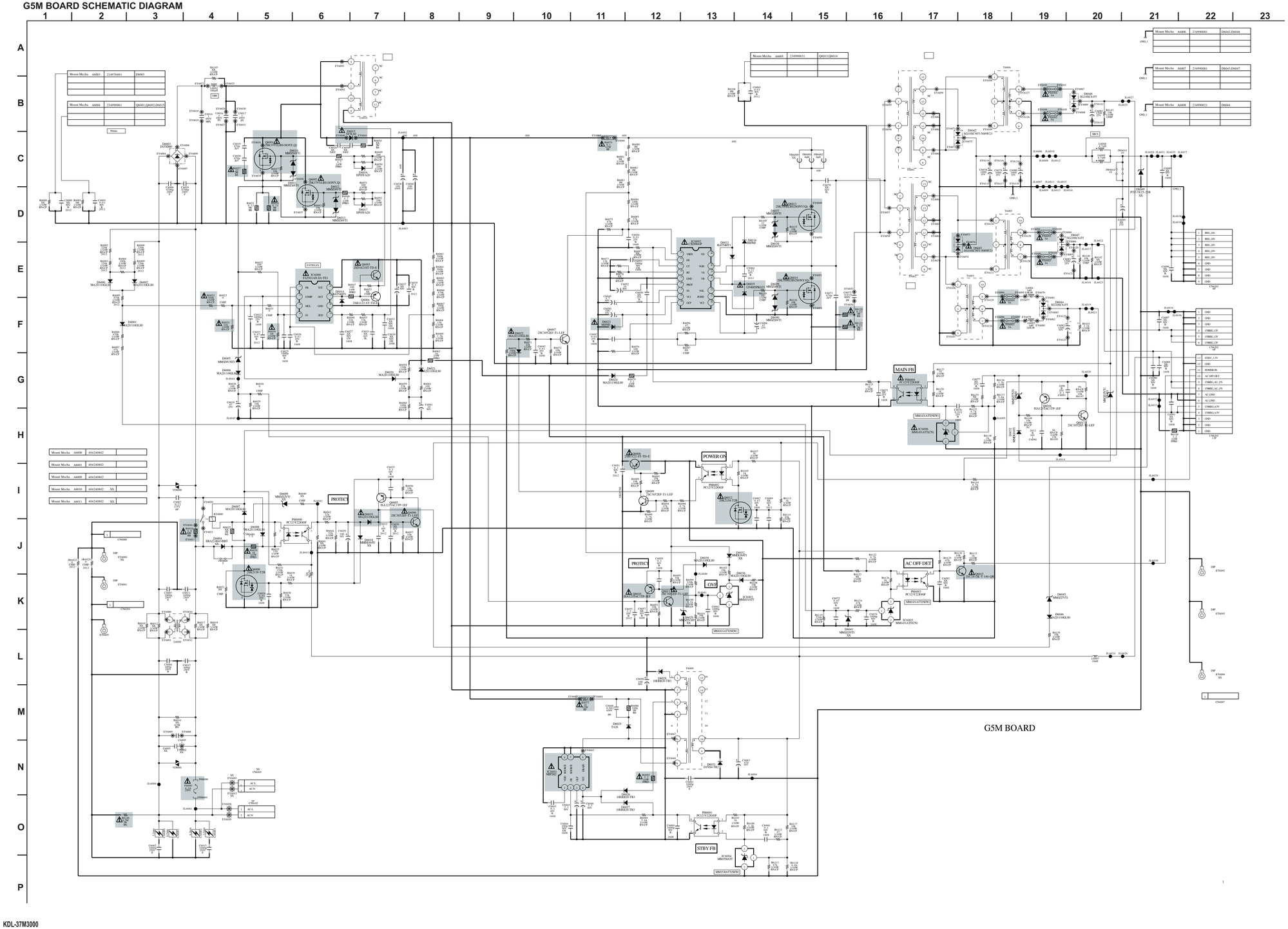


BM [I/O TERMINALS, AUDIO, TVμCON, ANALOG INTERFACE/HDMI RECEIVER, HDMI/PC INPUT, POWER/DC ALERT, X242 POWER/PLL/FLEXBUS/USB/PERIPHERALS, DDR/FLASH/NVM, DIGITAL IF/EJTAG, X242 AUDIO OUT/FE/TUNER, DSP/LVDS]

CONDUCTOR SIDE

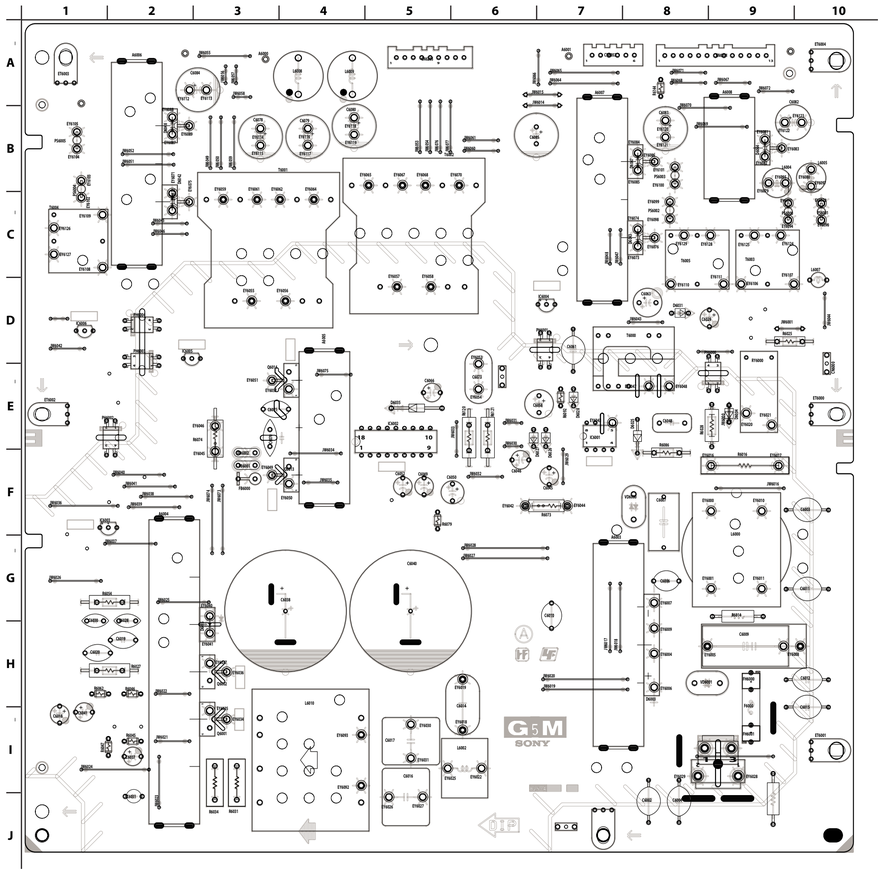


G5M BOARD SCHEMATIC DIAGRAM



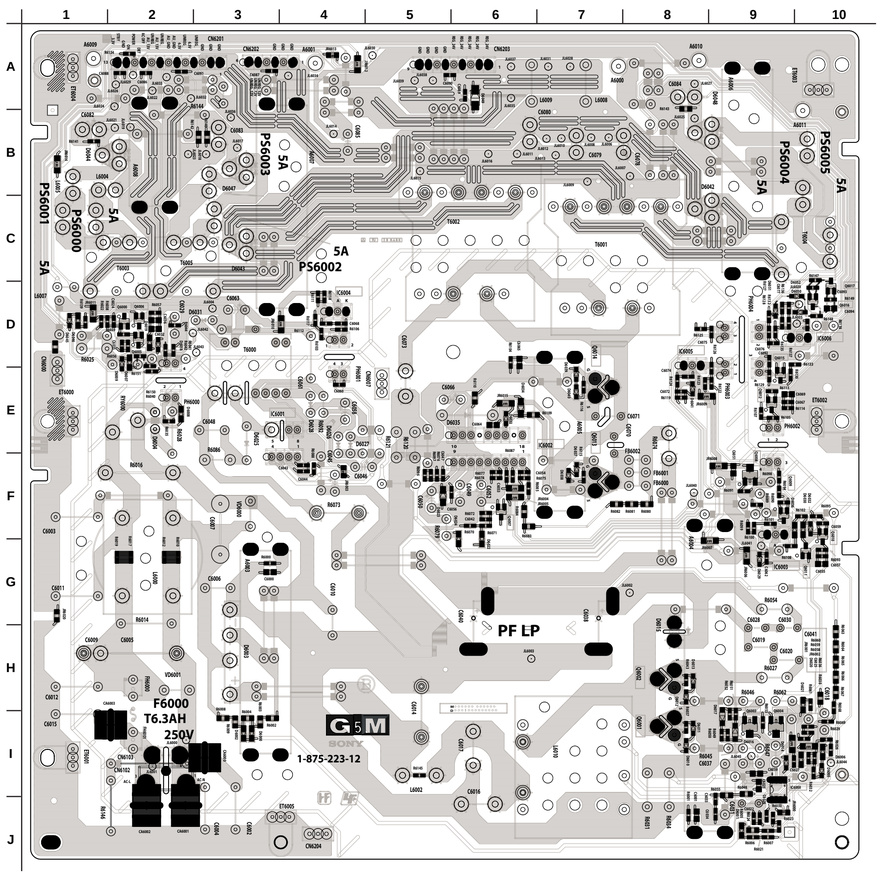
G5M

[POWER SUPPLY]
COMPONENT SIDE

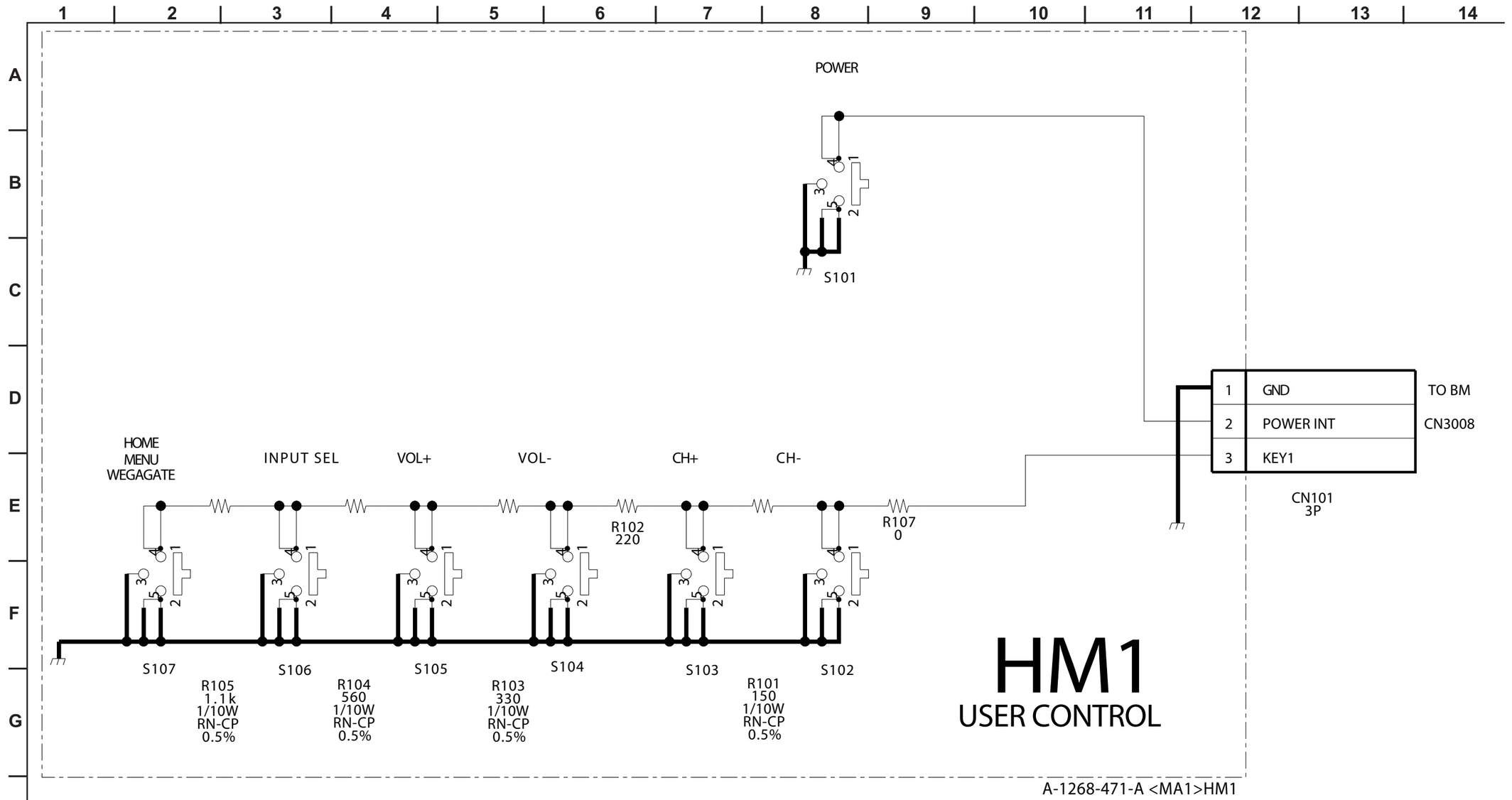


G5M

[POWER SUPPLY]
CONDUCTOR SIDE



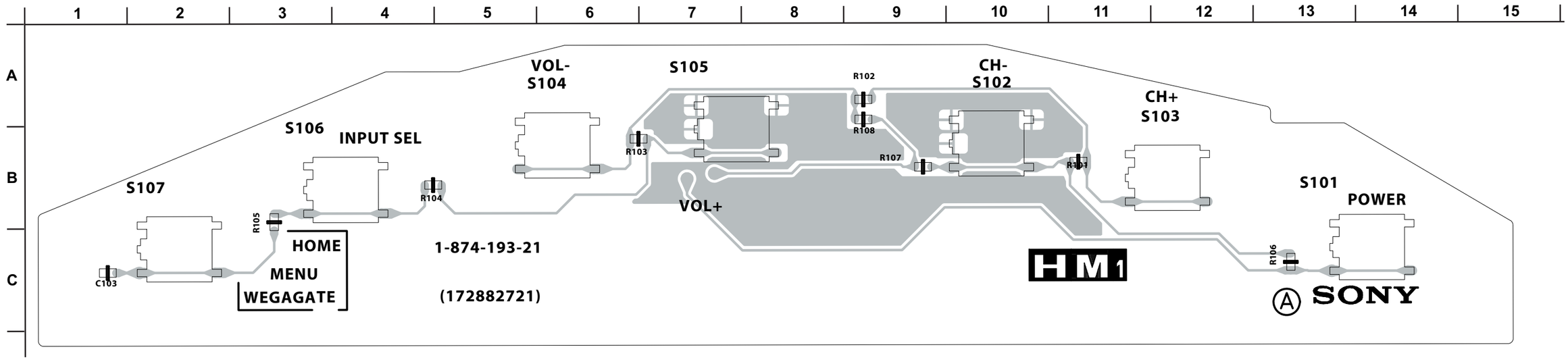
HM1 BOARD SCHEMATIC DIAGRAM



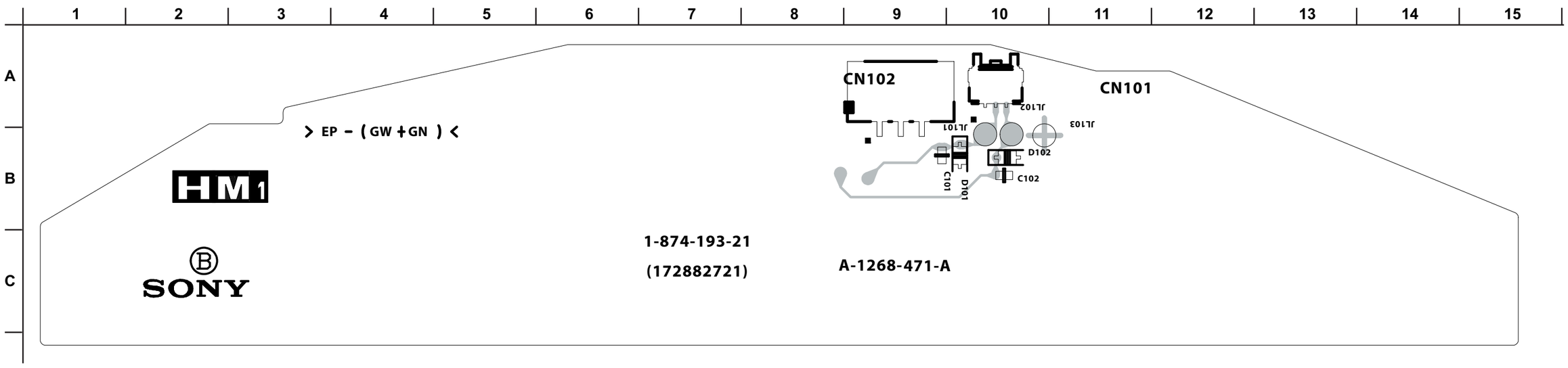
A-1268-471-A <MA1>HM1

HM1 [USER CONTROL]

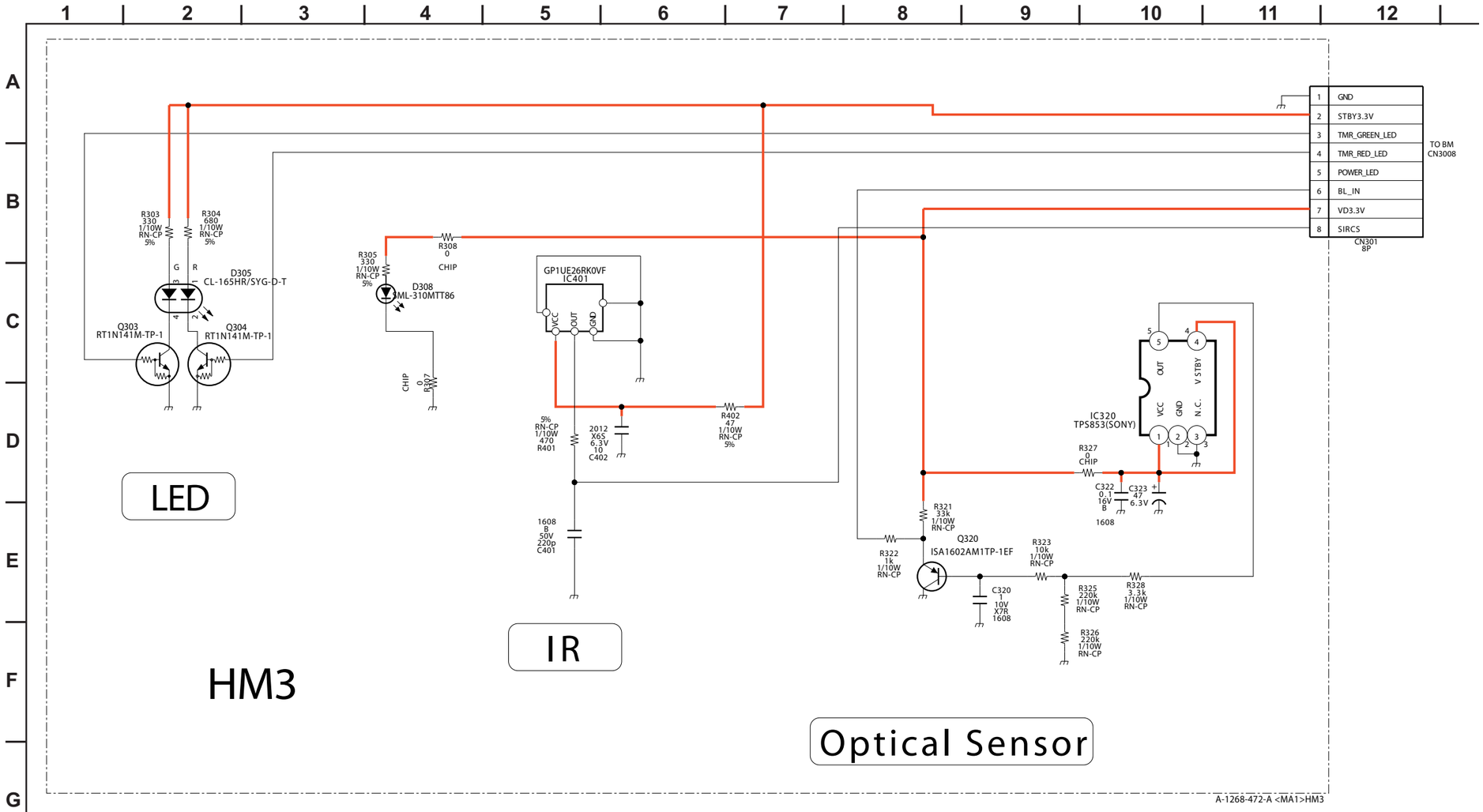
COMPONENT SIDE



CONDUCTOR SIDE



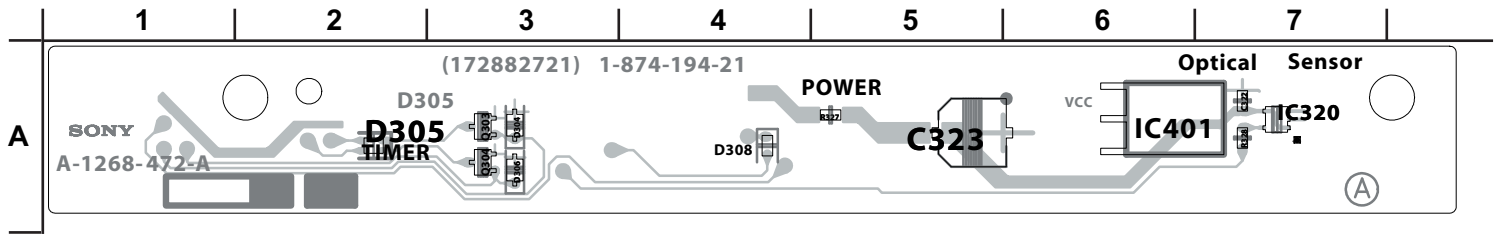
HM3 BOARD SCHEMATIC DIAGRAM



A-1268-472-A <MA1>HM3

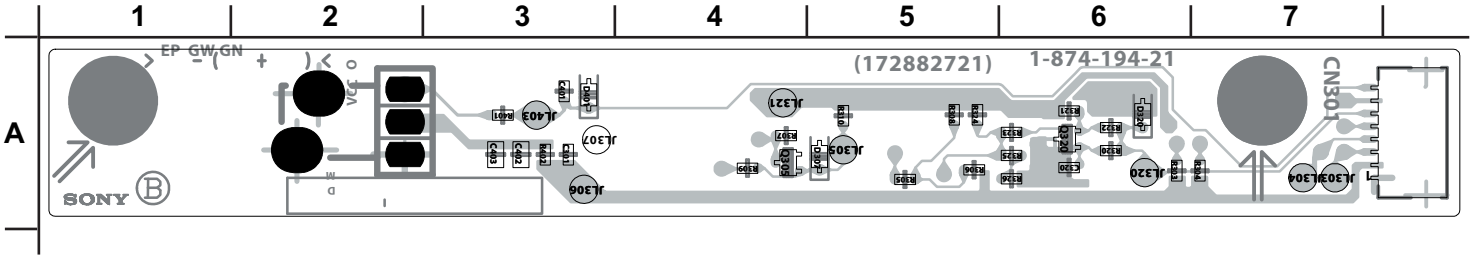
HM3 [OPTICAL SENSOR]

COMPONENT SIDE

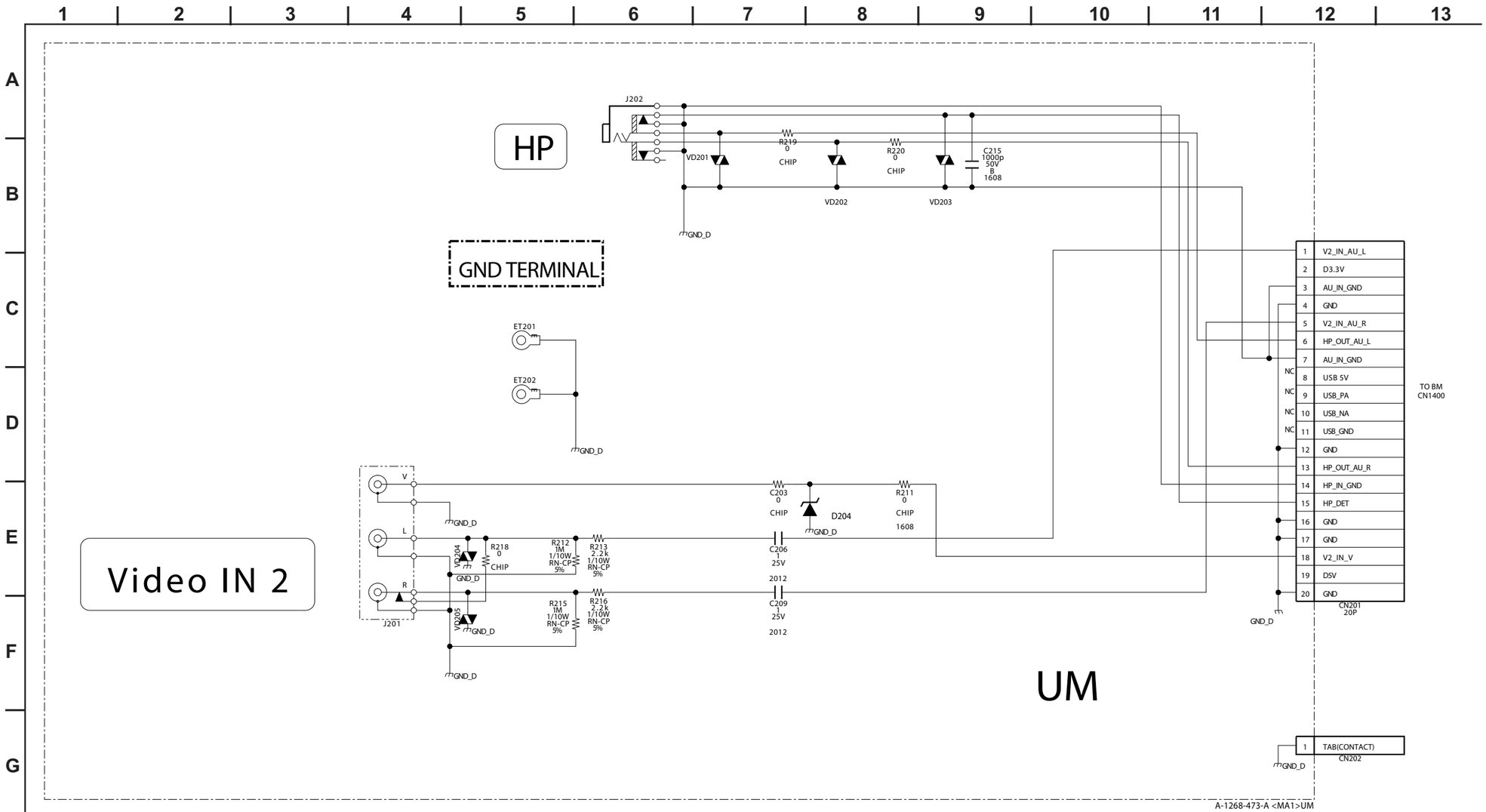


HM3 [OPTICAL SENSOR]

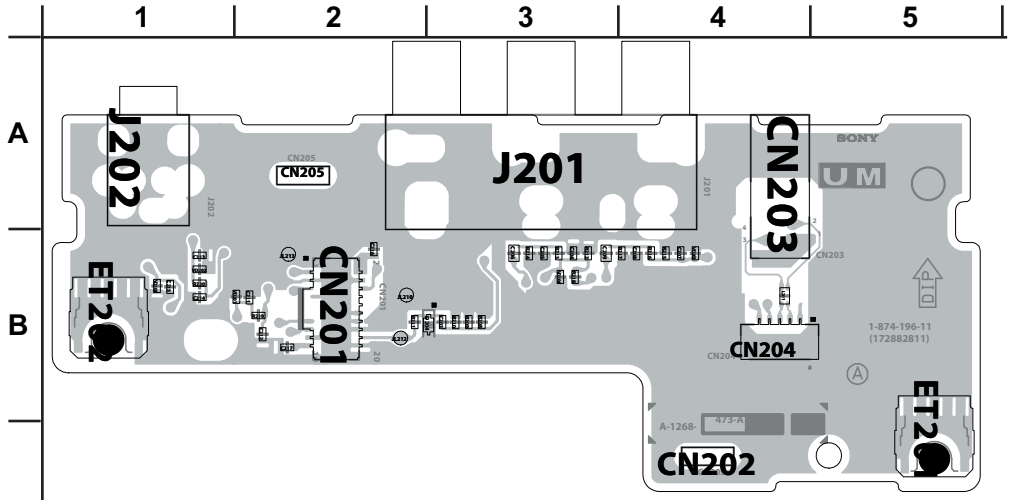
CONDUCTOR SIDE



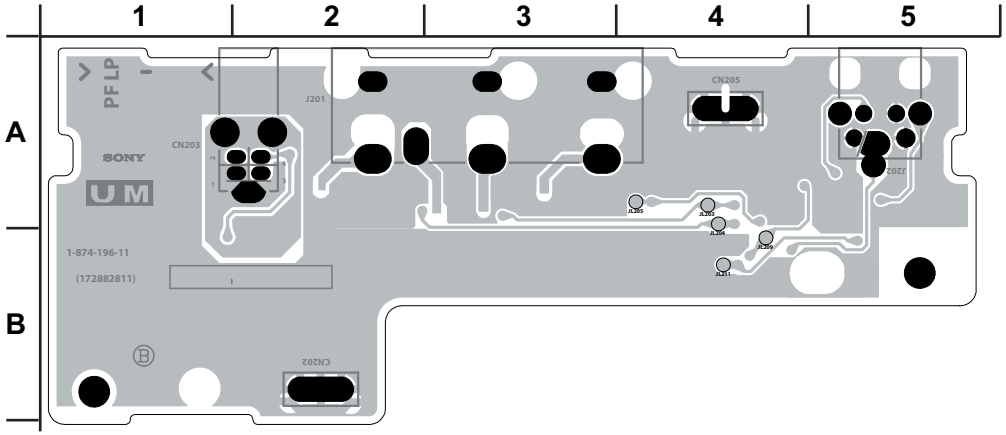
UM BOARD SCHEMATIC DIAGRAM



UM [VIDEO 2 IN]
COMPONENT SIDE



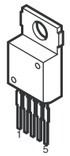
UM [VIDEO 2 IN]
CONDUCTOR SIDE



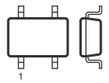
4-6. SEMICONDUCTORS

IC

BA00AST-V5

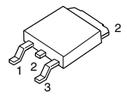


BA05FP-E2
BA09FP-E2
S-1111B33MC-NYSTFG
S-80928CNMC-G8YT2G
TC7SZ125FU(TE85R)

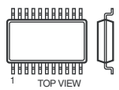


5Pin CHIP

BA18BC0FP-E2
BA25BC0FP-E2

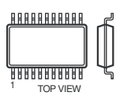


BR24L02F-WE2
CS4335-KSZR
FA5501N-TE1
LM75CIMX-3
M24128-BWMN6T(A)
M24C02-WMN6T(B)
NJM2521V(TE2)
NJM3414AV(TE2)
RC4558DR
RC4558PWR



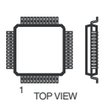
8Pin SOP

CD4052BNSR
FMS6418AM16X



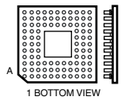
16Pin SOP

CXA2188Q-T4



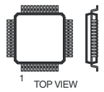
40Pin QFP

EM6A9320BI-5MG



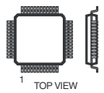
144Pin PGA

HD6433692A39FXV
HD64F3694FXV-DA4
TPA3004D2PHPR



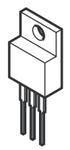
48Pin QFP

HD64F2378-12681-01

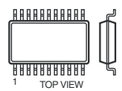


144Pin QFP

L88M05T-FA-TL

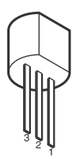


M52347FP-TE

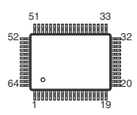


20Pin SOP

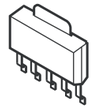
MM1431ATT



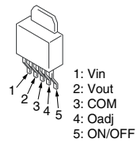
NJW1149AFH1



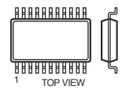
PQ1CY1032ZP



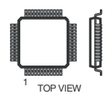
PQ1CZ41H2ZPH



RV5C387A-E2-FB

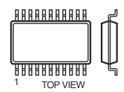


SII9993CTG100



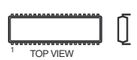
100Pin QFP

SN74LV132APWR
SN74LVC14APWR



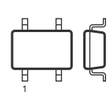
14Pin SOP

STR-A6169



8Pin DIP

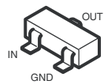
TK11819MTL



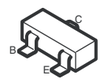
6Pin CHIP

TRANSISTOR

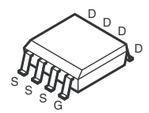
DTC114EU
DTC114EUAFT106



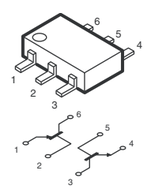
DTC114EUA-T106
DTC115EUA-T106
DTC144WKA-T146
DTC314TK-T-146
DTC323TK
DTC323TKT146
MUN2211T1
MUN2212T1
MUN5213T1
PDTC114EK-115
UN2211
2PA1576R-115
2PC4081R-115
2PD601AR-115
2SA1037AK-T146-QR
2SA1037AK-T146-R
2SA1576A-T106-QR
2SA1774R
2SA1774TL-QR
2SC1623-L5L6
2SC2412K-T-146-QR
2SC4081-R
2SC4081T106R
2SC4617R
2SC4617TL-QR
2SD2114K
2SD601A-Q-TX



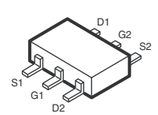
FDS6690A



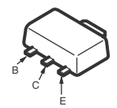
HN1B01FU-TE85R



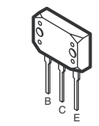
SSM6N15FU(TE85R)



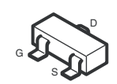
2SB1122-S
2SB1122-ST-TD-E
2SD1621-ST
2SD1621ST-TD-E



2SD2114KT146

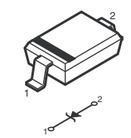


2SK2158-T2B

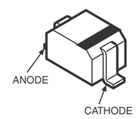


DIODE

BAS316-115
EP05FA20
MM3Z10VT1
MM3Z11VT1
MM3Z13VT1
MM3Z18VST1
MM3Z22VT1
MM3Z2V4T1
MM3Z5V6ST1
MM3Z6V2ST1
MM3Z6V8ST1
MM3Z8V2ST1



BAT54HT1
DTZ10B
HZU5.6GTRF
MA113-(TX)
MMDL914T1
RD5.6SB-T1
UDZ-TE-17-18B
UDZ-TE-17-6.2B
UDZ-TE-17-6.8B



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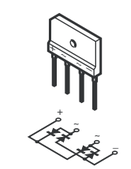
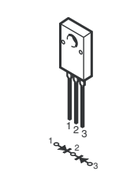
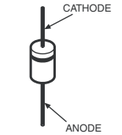
D10SBS4F
D2SB60A-F04
D4SB60L



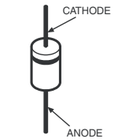
D10SC6M



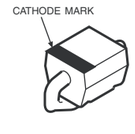
D1NL40-TA2
D1NL40-TR2
ERA22-08



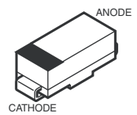
D1NS6
D1NS6-TR
ERA22-06AVRBT
UF4005PKG23
10ERB20-TB3
1N5404TU



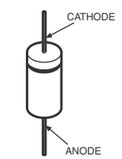
EC10QS-04
EC10QS04-TE12L5



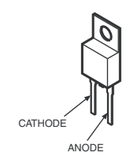
EC21QS03L-TE12L
P6SMBJ30A-5
PTZ-TE25-3.9B



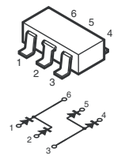
ERA22-08KFLB



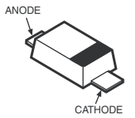
FSF05A60



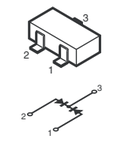
HN1D03FU-TE85L
HN1D03FU-TE85R



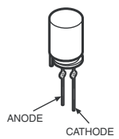
M1FM3



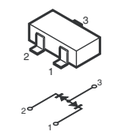
MA132WK
MA132WK-TX
MA151WK-TX
1SS184



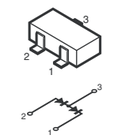
UDZSTE-1710B



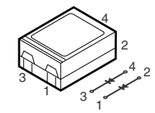
UMZ16NT106



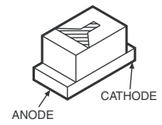
1PS302



SML-020MVT-T86



SML-310LTT86



SECTION 5: EXPLODED VIEWS

Components not identified by a part number or description are not stocked because they are seldom required for routine service.

The component parts of an assembly are indicated by the reference numbers in the far right column of the parts list and within the dotted lines of the diagram.

* Items marked with an asterisk are not stocked since they are seldom required for routine service. Expect some delay when ordering these components.

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

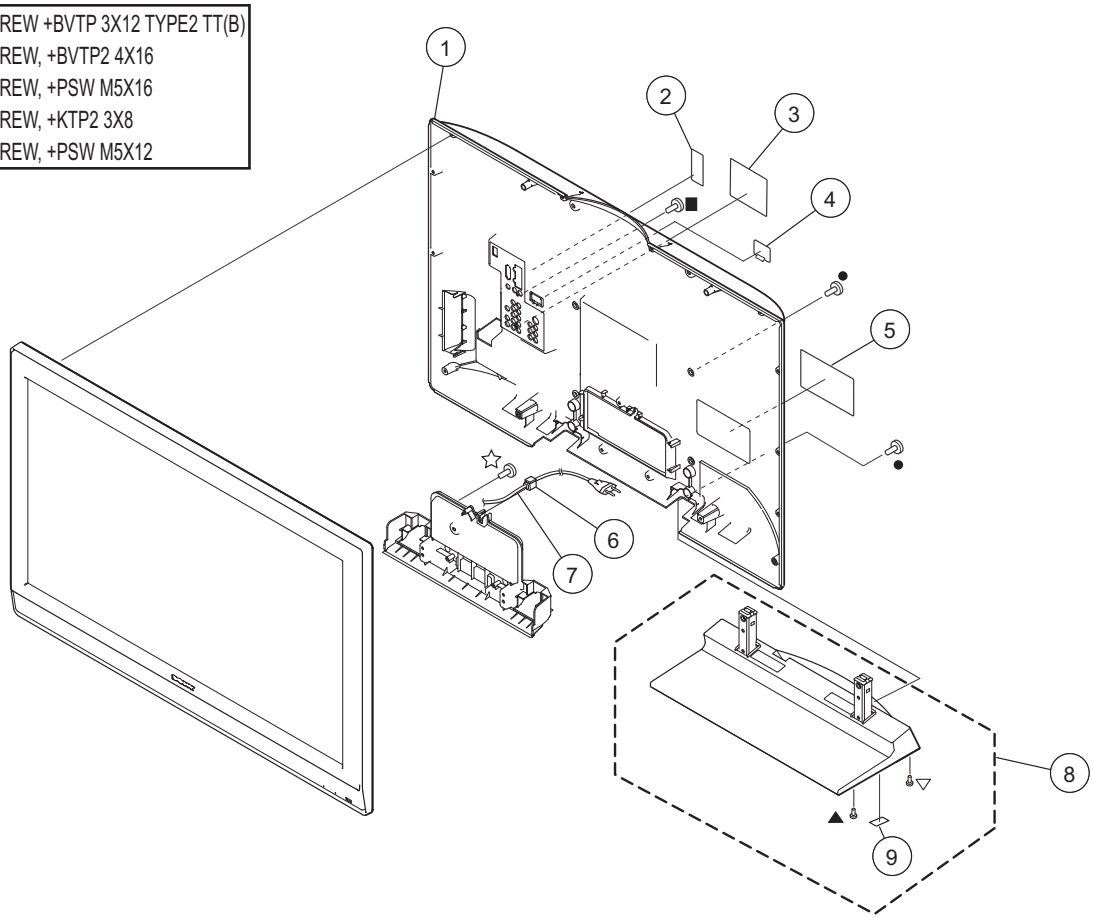
NOTE: Les composants identifies par un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

NOTE: The components identified by a red outline and a 🔒 mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

5-1. REAR COVER ASSEMBLY AND STAND ASSEMBLY

(Check the Sony Electronics Service Information website for any additional service related issues for this model.)

■	7-685-648-79	SCREW +BVTP 3X12 TYPE2 TT(B)
☆	2-580-640-01	SCREW, +BVTP2 4X16
●	2-580-608-01	SCREW, +PSW M5X16
▽	2-580-644-01	SCREW, +KTP2 3X8
▲	2-580-607-01	SCREW, +PSW M5X12



	REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
	1	3-218-557-01	COVER, REAR (37)	
	2	3-217-797-01	LABEL, HDMI	
	3	3-213-435-01	LABEL, REAR TERMINAL	
	4	3-210-448-01	COVER, ECS	
*	5	3-274-329-01	LABEL, INFORMATION (KDL-37M3000 U/C/MEXICO MODELS ONLY)	
*	5	3-270-541-01	LABEL, INFORMATION (KDL-37M3000 CHILE/PERU MODELS ONLY)	

	REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
	6	4-022-115-12	HOLDER, AC CORD	
⚠	7	1-834-851-11	CORD, AC POWER (WITH CONNECTOR) (KDL-37M3000 U/C/MEXICO MODELS ONLY)	
⚠	7	1-834-554-11	AC POWER CORD WITH CONNECTOR (KDL-37M3000 CHILE/PERU MODELS ONLY)	
	8	A-1257-997-A	STAND (ML) ASSY	[9]
	9	3-213-762-01	FOOT (15X30)	

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

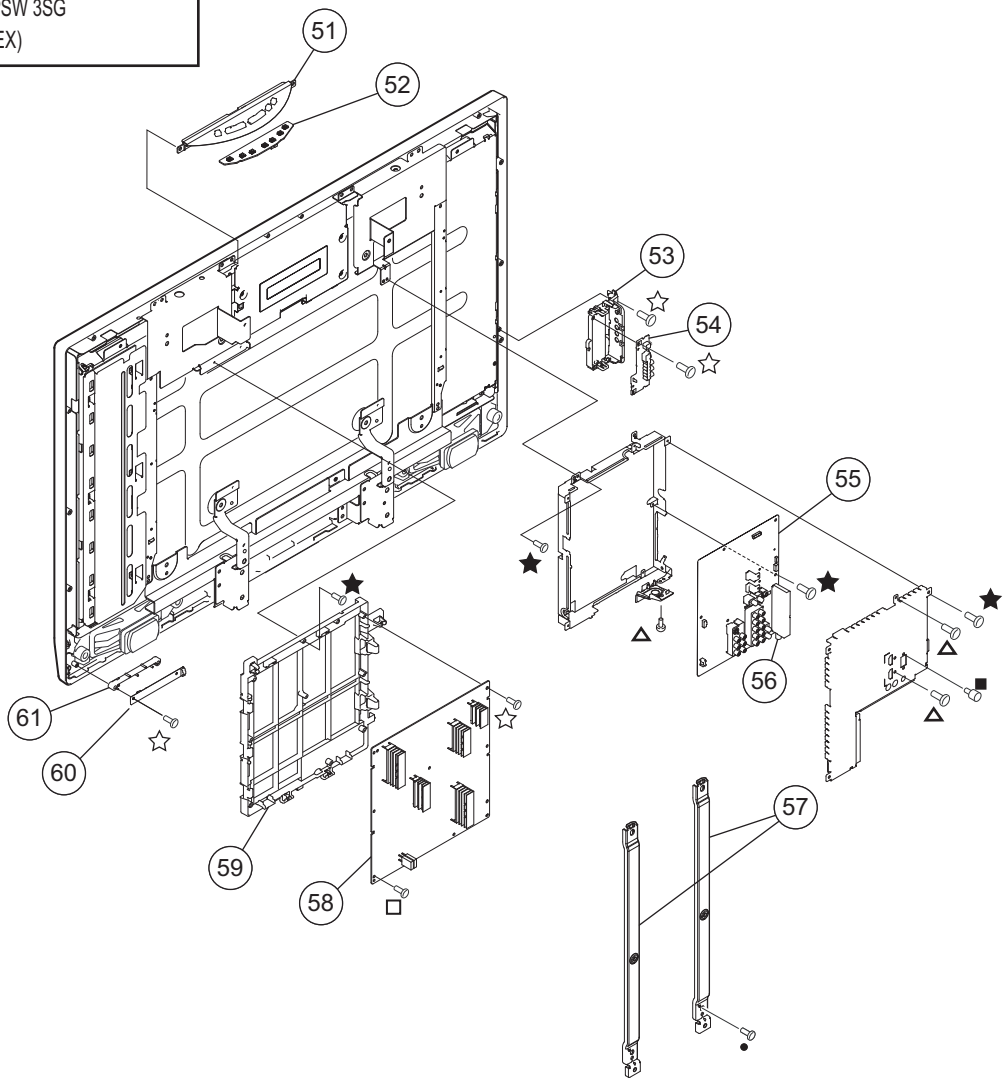
NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

NOTE: The components identified by a red outline and a 🔒 mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

5-2. CHASSIS

(Check the Sony Electronics Service Information website for any additional service related issues for this model.)

☆	7-685-648-79	SCREW +BVTP 3X12 TYPE2 TT(B)
★	2-580-629-01	SCREW, +BVST 3X8
△	2-580-591-01	SCREW, +PSW M3X5
●	2-580-608-01	SCREW, +PSW M5X16
□	2-674-965-51	SCREW, +PSW 3SG
■	4-635-966-01	SCREW (HEX)



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]		REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
51	X-2186-624-2	BUTTON, MULTI ASSY			57	X-2187-751-1	VESA ARM(32) ASSY	
52	A-1268-471-A	HM1 BOARD, MOUNTED			58	A-1358-825-A	G5M BOARD, MOUNTED	
53	3-106-473-21	HOLDER, SIDE JACK(M)		*	59	3-268-719-01	BRACKET, G5	
54	A-1268-473-A	UM BOARD, MOUNTED			60	A-1268-472-A	HM3 BOARD, MOUNTED	
🔒 55	A-1376-789-A	BM BOARD, MOUNTED			61	3-210-445-02	GUIDE, LIGHT	
56	8-597-626-00	TUNER, FSS BTF-CA412						

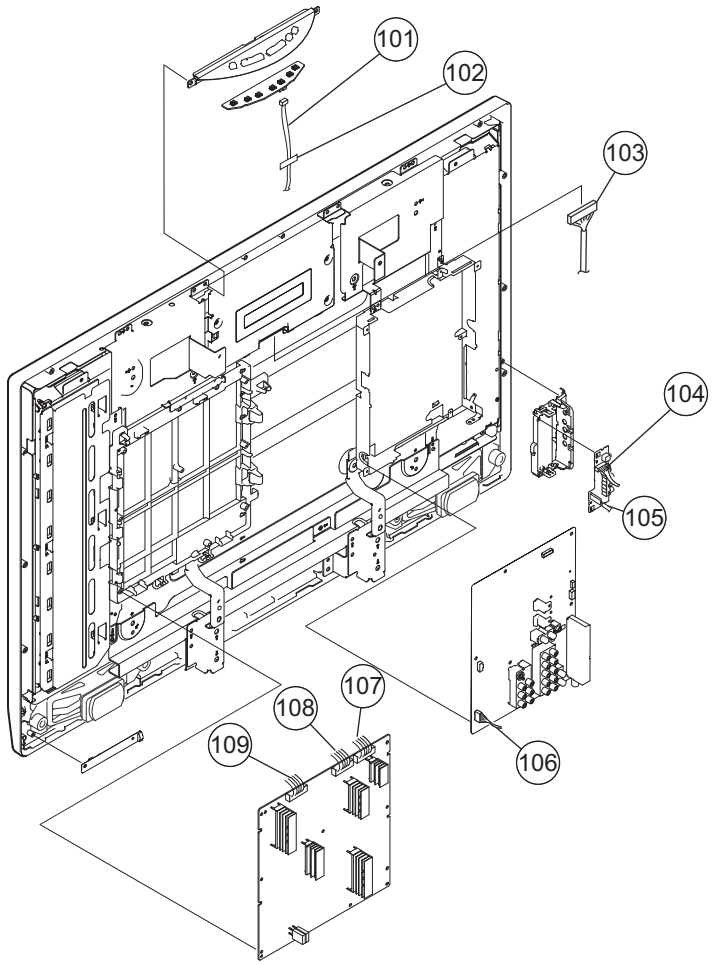
NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

NOTE: The components identified by a red outline and a 🔒 mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

5-3. CONNECTORS

(Check the Sony Electronics Service Information website for any additional service related issues for this model.)



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
101	1-910-038-27	CONN ASSY, 20P MM CRIMP 690	
102	2-688-062-01	TAPE (LCD)	
103	1-834-382-11	LVDS CABLE	
104	1-910-038-33	CONN ASSY, 20P MM CRIMP 210	
105	1-910-038-32	WIRE ASSY, FASTON TERMINAL	
106	1-910-038-26	CONN ASSY, 20P MM CRIMP 250	
107	1-910-038-34	CONN ASSY, 20P MM CRIMP 550	
108	1-910-041-40	CONN ASSY, 6P MM CRIMP 460	
109	1-910-038-59	CONN ASSY, 14P MM CRIMP 230	

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

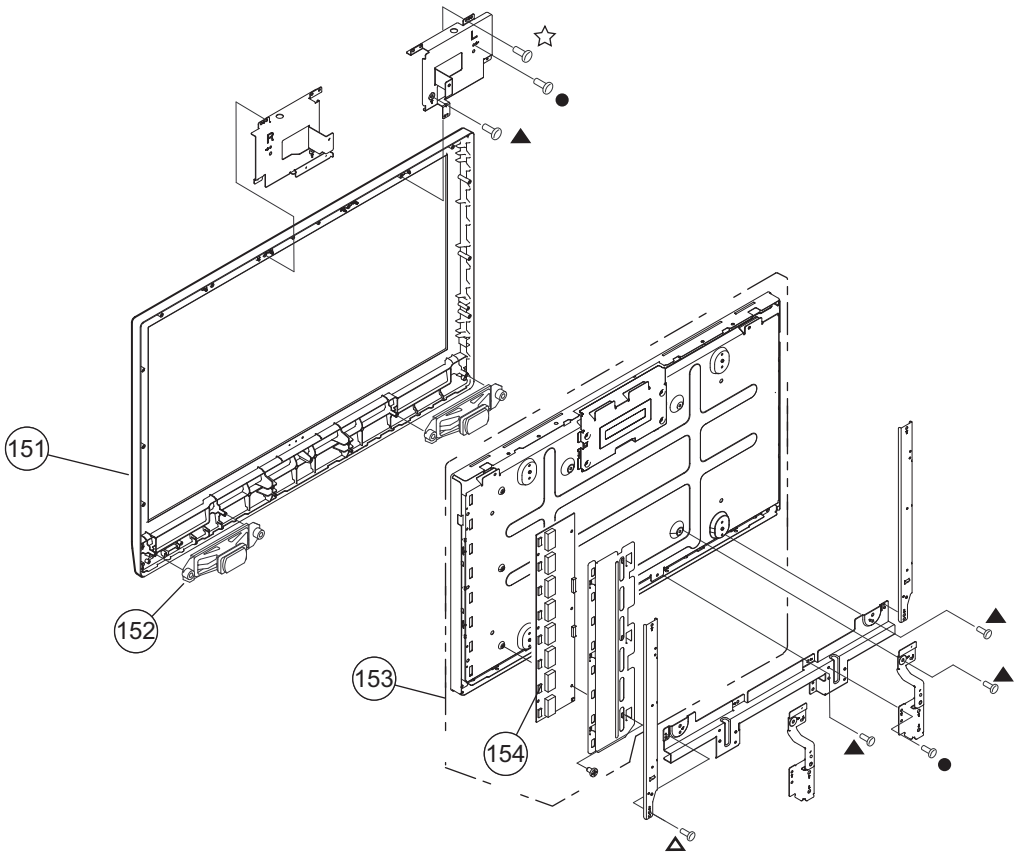
NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

NOTE: The components identified by a red outline and a 🔒 mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

5-4. BEZEL ASSEMBLY, LCD PANEL AND SPEAKERS

(Check the Sony Electronics Service Information website for any additional service related issues for this model.)

☆	2-580-640-01	SCREW, +BVTP2 4X16
●	2-580-600-01	SCREW, +PSW M4X8
▲	2-580-606-01	SCREW, +PSW M5X8
△	2-580-591-01	SCREW, +PSW M3X5



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
151	X-2179-468-1	BEZEL ASSY (37)	
☛ 152	1-826-363-11	LOUDSPEAKER (4.2X15CM)	
☛ 153	1-802-524-12	LCD PANEL (37INCH WXGA TFT)	[154]
☛ 154	1-789-962-11	(BALANCER BOARD) ETC-INVERTER MT BOARD	

REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]

SECTION 6: ELECTRICAL PARTS LIST

NOTE: The components identified by shaDIODEng and ⚠ mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

* Items marked with an asterisk are not stocked since they are seldom required for routine service. Expect some delay when ordering these components.

NOTE: The components identified by a red outline and a 🔒 mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See AppenDIODEx A: Encryption Key Components in the back of this manual.

BM

RESISTORS
- All resistors are in ohms
- F : nonflammable
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

When ordering parts by reference number, please include the board name.

REF. NO.	PART NO.	DESCRIPTION	VALUES		
BM					
🔒	A-1376-789-A	BM BOARD, COMPLETE			
	2-586-175-11	SHEET B, RADIATION			
	4-098-157-01	HEAT SINK (DTT)			
	CAPACITOR				
C1005	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C1007	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C1010	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C1012	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C1100	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C1102	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C1130	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C1132	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C1403	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C1714	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C1715	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C1722	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C1723	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C1724	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C1725	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C1726	1-165-492-21	ELECT CHIP	100µF	20%	10V
C1727	1-165-492-21	ELECT CHIP	100µF	20%	10V
C1728	1-165-492-21	ELECT CHIP	100µF	20%	10V
C1729	1-165-492-21	ELECT CHIP	100µF	20%	10V
C1730	1-164-156-11	CERAMIC CHIP	0.1µF		25V
C1731	1-100-588-21	ELECT CHIP	1000µF	20%	6.3V
C1732	1-165-492-21	ELECT CHIP	100µF	20%	10V
C1733	1-165-492-21	ELECT CHIP	100µF	20%	10V
C1736	1-216-296-11	SHORT CHIP			
C1739	1-216-296-11	SHORT CHIP			
C1742	1-216-296-11	SHORT CHIP			
C1745	1-216-296-11	SHORT CHIP			
C1752	1-164-933-11	CERAMIC CHIP	220pF	10%	50V
C1753	1-164-933-11	CERAMIC CHIP	220pF	10%	50V
C1754	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C1755	1-100-588-21	ELECT CHIP	1000µF	20%	6.3V
C1756	1-100-055-11	CERAMIC CHIP	22µF	20%	16V
C2000	1-126-395-11	ELECT CHIP	22µF	20%	16V
C2069	1-125-889-11	CERAMIC CHIP	2.2µF	10%	10V
C2070	1-125-889-11	CERAMIC CHIP	2.2µF	10%	10V
C2073	1-125-889-11	CERAMIC CHIP	2.2µF	10%	10V
C2074	1-100-764-21	ELECT CHIP	4.7µF	20%	25V
C2075	1-100-764-21	ELECT CHIP	4.7µF	20%	25V
C2077	1-126-396-11	ELECT CHIP	47µF	20%	16V
C2078	1-125-889-11	CERAMIC CHIP	2.2µF	10%	10V
C2081	1-162-959-11	CERAMIC CHIP	330pF	5%	50V
C2084	1-162-959-11	CERAMIC CHIP	330pF	5%	50V
C2085	1-126-396-11	ELECT CHIP	47µF	20%	16V
C2086	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C2090	1-100-597-91	CERAMIC CHIP	0.1µF	10%	25V
C2091	1-125-889-11	CERAMIC CHIP	2.2µF	10%	10V
C2092	1-125-889-11	CERAMIC CHIP	2.2µF	10%	10V
C2094	1-162-959-11	CERAMIC CHIP	330pF	5%	50V
C2095	1-100-597-91	CERAMIC CHIP	0.1µF	10%	25V
C2096	1-162-959-11	CERAMIC CHIP	330pF	5%	50V
C2097	1-100-597-91	CERAMIC CHIP	0.1µF	10%	25V
C2098	1-100-597-91	CERAMIC CHIP	0.1µF	10%	25V
C2100	1-135-366-11	ELECT CHIP	100µF	20%	16V
C2101	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C2102	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C2103	1-100-764-21	ELECT CHIP	4.7µF	20%	25V
C2104	1-100-764-21	ELECT CHIP	4.7µF	20%	25V
C2105	1-100-764-21	ELECT CHIP	4.7µF	20%	25V
C2106	1-100-764-21	ELECT CHIP	4.7µF	20%	25V
C2107	1-126-396-11	ELECT CHIP	47µF	20%	16V

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REF. NO.	PART NO.	DESCRIPTION	VALUES		
C2111	1-100-597-91	CERAMIC CHIP	0.1µF	10%	25V
C2112	1-100-764-21	ELECT CHIP	4.7µF	20%	25V
C2113	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2114	1-100-764-21	ELECT CHIP	4.7µF	20%	25V
C2115	1-115-340-11	CERAMIC CHIP	0.22µF	10%	25V
C2116	1-115-340-11	CERAMIC CHIP	0.22µF	10%	25V
C2117	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C2118	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C2119	1-115-340-11	CERAMIC CHIP	0.22µF	10%	25V
C2120	1-115-340-11	CERAMIC CHIP	0.22µF	10%	25V
C2121	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C2123	1-112-797-11	ELECT CHIP	470µF	20%	25V
C2124	1-135-349-21	ELECT CHIP	22µF	20%	20V
C2125	1-100-597-91	CERAMIC CHIP	0.1µF	10%	25V
C2126	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C2127	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C2128	1-135-349-21	ELECT CHIP	22µF	20%	20V
C2129	1-100-597-91	CERAMIC CHIP	0.1µF	10%	25V
C2130	1-100-597-91	CERAMIC CHIP	0.1µF	10%	25V
C2131	1-126-396-11	ELECT CHIP	47µF	20%	16V
C2132	1-115-340-11	CERAMIC CHIP	0.22µF	10%	25V
C2133	1-115-340-11	CERAMIC CHIP	0.22µF	10%	25V
C2134	1-125-889-11	CERAMIC CHIP	2.2µF	10%	10V
C2135	1-125-889-11	CERAMIC CHIP	2.2µF	10%	10V
C2136	1-115-340-11	CERAMIC CHIP	0.22µF	10%	25V
C2137	1-115-340-11	CERAMIC CHIP	0.22µF	10%	25V
C2138	1-115-340-11	CERAMIC CHIP	0.22µF	10%	25V
C2139	1-115-340-11	CERAMIC CHIP	0.22µF	10%	25V
C2140	1-125-889-11	CERAMIC CHIP	2.2µF	10%	10V
C2141	1-125-889-11	CERAMIC CHIP	2.2µF	10%	10V
C2142	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C2143	1-125-889-11	CERAMIC CHIP	2.2µF	10%	10V
C2144	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C2145	1-100-591-91	CERAMIC CHIP	1µF	10%	25V
C2146	1-100-591-91	CERAMIC CHIP	1µF	10%	25V
C2149	1-126-396-11	ELECT CHIP	47µF	20%	16V
C2150	1-126-396-11	ELECT CHIP	47µF	20%	16V
C2156	1-100-597-91	CERAMIC CHIP	0.1µF	10%	25V
C2157	1-100-597-91	CERAMIC CHIP	0.1µF	10%	25V
C2158	1-100-597-91	CERAMIC CHIP	0.1µF	10%	25V
C2159	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C2160	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C2161	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C2168	1-162-979-11	CERAMIC CHIP	0.0027µF	10%	50V
C2169	1-162-979-11	CERAMIC CHIP	0.0027µF	10%	50V

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C2170	1-162-979-11	CERAMIC CHIP	0.0027µF	10%	50V
C2171	1-162-979-11	CERAMIC CHIP	0.0027µF	10%	50V
C2172	1-124-779-00	ELECT CHIP	10µF	20%	16V
C2173	1-124-779-00	ELECT CHIP	10µF	20%	16V
C2174	1-135-366-11	ELECT CHIP	100µF	20%	16V
C2175	1-124-779-00	ELECT CHIP	10µF	20%	16V
C2176	1-100-764-21	ELECT CHIP	4.7µF	20%	25V
C2177	1-100-764-21	ELECT CHIP	4.7µF	20%	25V
C2178	1-100-597-91	CERAMIC CHIP	0.1µF	10%	25V
C2179	1-100-597-91	CERAMIC CHIP	0.1µF	10%	25V
C2180	1-100-597-91	CERAMIC CHIP	0.1µF	10%	25V
C2181	1-124-779-00	ELECT CHIP	10µF	20%	16V
C2182	1-124-779-00	ELECT CHIP	10µF	20%	16V
C2183	1-124-779-00	ELECT CHIP	10µF	20%	16V
C2185	1-126-396-11	ELECT CHIP	47µF	20%	16V
C2186	1-126-396-11	ELECT CHIP	47µF	20%	16V
C2195	1-100-597-91	CERAMIC CHIP	0.1µF	10%	25V
C2196	1-100-764-21	ELECT CHIP	4.7µF	20%	25V
C2197	1-100-764-21	ELECT CHIP	4.7µF	20%	25V
C2198	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2199	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2200	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C2201	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C2204	1-100-764-21	ELECT CHIP	4.7µF	20%	25V
C2205	1-100-764-21	ELECT CHIP	4.7µF	20%	25V
C2206	1-100-764-21	ELECT CHIP	4.7µF	20%	25V
C2207	1-100-764-21	ELECT CHIP	4.7µF	20%	25V
C2208	1-164-938-11	CERAMIC CHIP	0.0015µF	10%	50V
C2209	1-164-938-11	CERAMIC CHIP	0.0015µF	10%	50V
C2210	1-164-938-11	CERAMIC CHIP	0.0015µF	10%	50V
C2211	1-164-938-11	CERAMIC CHIP	0.0015µF	10%	50V
C2212	1-164-938-11	CERAMIC CHIP	0.0015µF	10%	50V
C2213	1-164-938-11	CERAMIC CHIP	0.0015µF	10%	50V
C2214	1-164-938-11	CERAMIC CHIP	0.0015µF	10%	50V
C2215	1-164-938-11	CERAMIC CHIP	0.0015µF	10%	50V
C2216	1-100-756-91	CERAMIC CHIP	0.047µF		50V
C2217	1-125-889-11	CERAMIC CHIP	2.2µF	10%	10V
C2218	1-125-889-11	CERAMIC CHIP	2.2µF	10%	10V
C2221	1-125-889-11	CERAMIC CHIP	2.2µF	10%	10V
C2223	1-125-889-11	CERAMIC CHIP	2.2µF	10%	10V
C3005	1-100-906-11	CERAMIC CHIP	0.01µF	10%	16V
C3006	1-100-906-11	CERAMIC CHIP	0.01µF	10%	16V
C3007	1-100-906-11	CERAMIC CHIP	0.01µF	10%	16V
C3010	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3011	1-126-206-11	ELECT CHIP	100µF	20%	6.3V

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REF. NO.	PART NO.	DESCRIPTION	VALUES		
C3019	1-162-912-11	CERAMIC CHIP	7pF	0.50pF	50V
C3057	1-100-907-11	CERAMIC CHIP	0.1µF	10%	10V
C3062	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C3063	1-100-907-11	CERAMIC CHIP	0.1µF	10%	10V
C3066	1-100-907-11	CERAMIC CHIP	0.1µF	10%	10V
C3070	1-100-906-11	CERAMIC CHIP	0.01µF	10%	16V
C3072	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C3076	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C3081	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C3083	1-100-907-11	CERAMIC CHIP	0.1µF	10%	10V
C3084	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C3110	1-125-777-11	CERAMIC CHIP	0.1µF	10%	10V
C3112	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C3113	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3114	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3115	1-162-919-11	CERAMIC CHIP	22pF	5%	50V
C3116	1-162-919-11	CERAMIC CHIP	22pF	5%	50V
C3118	1-126-394-11	ELECT CHIP	10µF	20%	16V
C3119	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C4001	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4030	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C4033	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C4034	1-112-046-11	CERAMIC CHIP	4.7µF	10%	6.3V
C4035	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C4040	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4041	1-164-935-11	CERAMIC CHIP	470pF	10%	50V
C4042	1-164-935-11	CERAMIC CHIP	470pF	10%	50V
C4043	1-164-935-11	CERAMIC CHIP	470pF	10%	50V
C4044	1-164-935-11	CERAMIC CHIP	470pF	10%	50V
C4045	1-164-935-11	CERAMIC CHIP	470pF	10%	50V
C4046	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C4049	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C4501	1-100-756-91	CERAMIC CHIP	0.047µF		50V
C4502	1-100-756-91	CERAMIC CHIP	0.047µF		50V
C4503	1-100-756-91	CERAMIC CHIP	0.047µF		50V
C4504	1-100-756-91	CERAMIC CHIP	0.047µF		50V
C4505	1-100-756-91	CERAMIC CHIP	0.047µF		50V
C4506	1-100-756-91	CERAMIC CHIP	0.047µF		50V
C4507	1-164-937-11	CERAMIC CHIP	0.001µF	10%	50V
C4508	1-164-174-11	CERAMIC CHIP	0.0082µF	10%	25V
C4509	1-100-899-81	CERAMIC CHIP	0.082µF	10%	10V
C4510	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C4511	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C4512	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C4513	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C4515	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C4516	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C4517	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C4518	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C4519	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C4520	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C4522	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C4523	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C4524	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C4525	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C4526	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C4527	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C4528	1-100-765-21	ELECT CHIP	10µF	20%	16V
C4529	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C4530	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C4531	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C4532	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C4533	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C4534	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C4538	1-124-779-00	ELECT CHIP	10µF	20%	16V
C4539	1-124-779-00	ELECT CHIP	10µF	20%	16V
C4540	1-124-779-00	ELECT CHIP	10µF	20%	16V
C4544	1-126-210-21	ELECT CHIP	220µF	20%	4V
C4545	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C4546	1-100-588-21	ELECT CHIP	1000µF	20%	6.3V
C4547	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C4548	1-100-588-21	ELECT CHIP	1000µF	20%	6.3V
C4549	1-128-396-11	ELECT CHIP	470µF	20%	10V
C4551	1-165-492-21	ELECT CHIP	100µF	20%	10V
C4552	1-165-492-21	ELECT CHIP	100µF	20%	10V
C5002	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C5005	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
C5006	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
C5008	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C5009	1-100-906-11	CERAMIC CHIP	0.01µF	10%	16V
C5502	1-125-777-11	CERAMIC CHIP	0.1µF	10%	10V
C5505	1-125-777-11	CERAMIC CHIP	0.1µF	10%	10V
C5509	1-100-567-81	CERAMIC CHIP	0.01µF	10%	25V
C5510	1-100-567-81	CERAMIC CHIP	0.01µF	10%	25V
C5528	1-125-777-11	CERAMIC CHIP	0.1µF	10%	10V
C5529	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C5530	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C5531	1-125-777-11	CERAMIC CHIP	0.1µF	10%	10V
C5623	1-100-906-11	CERAMIC CHIP	0.01µF	10%	16V
C5624	1-100-906-11	CERAMIC CHIP	0.01µF	10%	16V

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REF. NO.	PART NO.	DESCRIPTION	VALUES		
C5625	1-125-777-11	CERAMIC CHIP	0.1µF	10%	10V
C5626	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C5627	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C5628	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C5629	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C5630	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C5631	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C5632	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C5633	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C5634	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C5635	1-100-906-11	CERAMIC CHIP	0.01µF	10%	16V
C5636	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C5637	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C7000	1-135-960-91	CERAMIC CHIP	10µF	10%	25V
C7001	1-135-960-91	CERAMIC CHIP	10µF	10%	25V
C7002	1-117-681-11	ELECT CHIP	100µF	20%	16V
C7003	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C7004	1-128-536-11	ELECT CHIP	100µF	20%	25V
C7005	1-100-597-91	CERAMIC CHIP	0.1µF	10%	25V
C7006	1-112-794-11	ELECT CHIP	470µF	20%	16V
C7007	1-135-960-91	CERAMIC CHIP	10µF	10%	25V
C7008	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
C7009	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C7010	1-127-820-11	CERAMIC CHIP	4.7µF	10%	16V
C7011	1-112-789-11	ELECT CHIP	1000µF	20%	6.3V
C7012	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C7015	1-100-588-21	ELECT CHIP	1000µF	20%	6.3V
C7019	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C7020	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C7021	1-126-210-21	ELECT CHIP	220µF	20%	4V
C7023	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7024	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C7025	1-165-887-91	CERAMIC CHIP	0.22µF	10%	6.3V
C7026	1-164-937-11	CERAMIC CHIP	0.001µF	10%	50V
C7027	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C7028	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C7029	1-164-937-11	CERAMIC CHIP	0.001µF	10%	50V
C7030	1-164-937-11	CERAMIC CHIP	0.001µF	10%	50V
C7031	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C7032	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C7033	1-127-988-81	CERAMIC CHIP	0.015µF	10%	16V
C7034	1-164-858-11	CERAMIC CHIP	22pF	5%	50V
C7035	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7036	1-164-937-11	CERAMIC CHIP	0.001µF	10%	50V
C7037	1-165-887-91	CERAMIC CHIP	0.22µF	10%	6.3V
C7038	1-127-988-81	CERAMIC CHIP	0.015µF	10%	16V
C7039	1-127-988-81	CERAMIC CHIP	0.015µF	10%	16V
C7040	1-164-858-11	CERAMIC CHIP	22pF	5%	50V
C7041	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7042	1-164-937-11	CERAMIC CHIP	0.001µF	10%	50V
C7043	1-165-887-91	CERAMIC CHIP	0.22µF	10%	6.3V
C7044	1-127-988-81	CERAMIC CHIP	0.015µF	10%	16V
C7045	1-164-937-11	CERAMIC CHIP	0.001µF	10%	50V
C7046	1-164-937-11	CERAMIC CHIP	0.001µF	10%	50V
C7047	1-164-882-11	CERAMIC CHIP	220pF	5%	16V
C7048	1-164-882-11	CERAMIC CHIP	220pF	5%	16V
C7049	1-164-882-11	CERAMIC CHIP	220pF	5%	16V
C7050	1-164-882-11	CERAMIC CHIP	220pF	5%	16V
C7051	1-135-960-91	CERAMIC CHIP	10µF	10%	25V
C7052	1-135-960-91	CERAMIC CHIP	10µF	10%	25V
C7053	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C7054	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C7055	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C7056	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C7057	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C7058	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C7059	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C7060	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C7061	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C7062	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C7063	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C7064	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C7065	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C7066	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C7067	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C7068	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C7073	1-135-960-91	CERAMIC CHIP	10µF	10%	25V
C7074	1-135-960-91	CERAMIC CHIP	10µF	10%	25V
C7075	1-135-960-91	CERAMIC CHIP	10µF	10%	25V
C7076	1-135-960-91	CERAMIC CHIP	10µF	10%	25V
C7077	1-125-837-91	CERAMIC CHIP	1µF	10%	6.3V
C7078	1-165-875-11	CERAMIC CHIP	10µF	10%	10V
C7079	1-165-875-11	CERAMIC CHIP	10µF	10%	10V
C7080	1-100-055-11	CERAMIC CHIP	22µF	20%	16V
C7081	1-100-055-11	CERAMIC CHIP	22µF	20%	16V
C7086	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C7087	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C7088	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C7089	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C7090	1-126-210-21	ELECT CHIP	220µF	20%	4V

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REF. NO.	PART NO.	DESCRIPTION	VALUES		
C7091	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C7092	1-126-210-21	ELECT CHIP	220µF	20%	4V
C7093	1-100-583-21	ELECT CHIP	470µF	20%	4V
C7094	1-126-392-11	ELECT CHIP	100µF	20%	6.3V
C7100	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7106	1-112-794-11	ELECT CHIP	470µF	20%	16V
C7107	1-100-588-21	ELECT CHIP	1000µF	20%	6.3V
C7200	1-100-583-21	ELECT CHIP	470µF	20%	4V
C7201	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7202	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7203	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7204	1-114-148-11	CERAMIC CHIP	1µF		6.3V
C7205	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7206	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7207	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7208	1-126-210-21	ELECT CHIP	220µF	20%	4V
C7209	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7210	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7211	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7212	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7213	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7214	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7215	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7216	1-100-583-21	ELECT CHIP	470µF	20%	4V
C7217	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7218	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7219	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7220	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7221	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7222	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7223	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7224	1-114-148-11	CERAMIC CHIP	1µF		6.3V
C7225	1-114-148-11	CERAMIC CHIP	1µF		6.3V
C7226	1-114-148-11	CERAMIC CHIP	1µF		6.3V
C7227	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7228	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7229	1-114-148-11	CERAMIC CHIP	1µF		6.3V
C7230	1-114-148-11	CERAMIC CHIP	1µF		6.3V
C7231	1-114-148-11	CERAMIC CHIP	1µF		6.3V
C7232	1-114-148-11	CERAMIC CHIP	1µF		6.3V
C7233	1-114-148-11	CERAMIC CHIP	1µF		6.3V
C7234	1-114-148-11	CERAMIC CHIP	1µF		6.3V
C7235	1-114-148-11	CERAMIC CHIP	1µF		6.3V
C7236	1-114-148-11	CERAMIC CHIP	1µF		6.3V
C7237	1-114-148-11	CERAMIC CHIP	1µF		6.3V
C7238	1-114-148-11	CERAMIC CHIP	1µF		6.3V
C7239	1-114-148-11	CERAMIC CHIP	1µF		6.3V
C7240	1-114-148-11	CERAMIC CHIP	1µF		6.3V
C7241	1-114-148-11	CERAMIC CHIP	1µF		6.3V
C7242	1-100-583-21	ELECT CHIP	470µF	20%	4V
C7243	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7244	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7245	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7246	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7247	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7248	1-100-159-91	CERAMIC CHIP	22µF	10%	6.3V
C7249	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7250	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7251	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7252	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7253	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7254	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7255	1-114-148-11	CERAMIC CHIP	1µF		6.3V
C7256	1-114-148-11	CERAMIC CHIP	1µF		6.3V
C7257	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7258	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7259	1-114-148-11	CERAMIC CHIP	1µF		6.3V
C7260	1-114-148-11	CERAMIC CHIP	1µF		6.3V
C7261	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7262	1-114-148-11	CERAMIC CHIP	1µF		6.3V
C7263	1-114-148-11	CERAMIC CHIP	1µF		6.3V
C7264	1-114-148-11	CERAMIC CHIP	1µF		6.3V
C7265	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7266	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7267	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7268	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7269	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7270	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7271	1-164-854-11	CERAMIC CHIP	15pF	5%	50V
C7272	1-164-854-11	CERAMIC CHIP	15pF	5%	50V
C7273	1-165-989-11	CERAMIC CHIP	10µF	10%	6.3V
C7274	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7275	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7276	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7277	1-165-989-11	CERAMIC CHIP	10µF	10%	6.3V
C7278	1-165-989-11	CERAMIC CHIP	10µF	10%	6.3V
C7279	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C7280	1-126-210-21	ELECT CHIP	220µF	20%	4V
C7300	1-117-681-11	ELECT CHIP	100µF	20%	16V
C7301	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V

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REF. NO.	PART NO.	DESCRIPTION	VALUES		
C7302	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C7303	1-100-055-11	CERAMIC CHIP	22µF	20%	16V
C7305	1-117-681-11	ELECT CHIP	100µF	20%	16V
C7306	1-100-567-81	CERAMIC CHIP	0.01µF	10%	25V
C7400	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7401	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7402	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7403	1-100-506-91	CERAMIC CHIP	1µF	20%	6.3V
C7404	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7405	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7406	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7407	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7408	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7409	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7410	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7411	1-114-148-11	CERAMIC CHIP	1µF		6.3V
C7412	1-114-148-11	CERAMIC CHIP	1µF		6.3V
C7413	1-114-148-11	CERAMIC CHIP	1µF		6.3V
C7417	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7418	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7420	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7422	1-114-148-11	CERAMIC CHIP	1µF		6.3V
C7424	1-114-148-11	CERAMIC CHIP	1µF		6.3V
C7425	1-114-148-11	CERAMIC CHIP	1µF		6.3V
C7430	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C7431	1-126-210-21	ELECT CHIP	220µF	20%	4V
C7432	1-165-989-11	CERAMIC CHIP	10µF	10%	6.3V
C7433	1-165-989-11	CERAMIC CHIP	10µF	10%	6.3V
C7501	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7502	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7504	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7505	1-117-681-11	ELECT CHIP	100µF	20%	16V
C7506	1-117-681-11	ELECT CHIP	100µF	20%	16V
C7507	1-117-681-11	ELECT CHIP	100µF	20%	16V
C7509	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C7510	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7511	1-164-937-11	CERAMIC CHIP	0.001µF	10%	50V
C7512	1-125-891-11	CERAMIC CHIP	0.47µF	10%	10V
C7513	1-126-210-21	ELECT CHIP	220µF	20%	4V
C7514	1-165-875-11	CERAMIC CHIP	10µF	10%	10V
C7515	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7600	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7700	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7701	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7702	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7703	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7704	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7705	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7706	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7707	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7720	1-125-837-91	CERAMIC CHIP	1µF	10%	6.3V
C7800	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7801	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7804	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7805	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7807	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7808	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7809	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7810	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7811	1-165-989-11	CERAMIC CHIP	10µF	10%	6.3V
C7812	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7813	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7814	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7815	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7816	1-165-989-11	CERAMIC CHIP	10µF	10%	6.3V
C7817	1-165-989-11	CERAMIC CHIP	10µF	10%	6.3V
C7818	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C7819	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C7820	1-164-864-11	CERAMIC CHIP	39pF	5%	50V
C7821	1-164-858-11	CERAMIC CHIP	22pF	5%	50V
C7822	1-164-858-11	CERAMIC CHIP	22pF	5%	50V
C7823	1-164-868-11	CERAMIC CHIP	56pF	5%	50V
C7824	1-164-868-11	CERAMIC CHIP	56pF	5%	50V
C7825	1-164-864-11	CERAMIC CHIP	39pF	5%	50V
C7828	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C7829	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C7831	1-107-819-11	CERAMIC CHIP	0.022µF	10%	16V
C7832	1-126-205-11	ELECT CHIP	47µF	20%	6.3V
C7833	1-125-777-11	CERAMIC CHIP	0.1µF	10%	10V
C7835	1-164-860-11	CERAMIC CHIP	27pF	5%	50V
C7836	1-164-860-11	CERAMIC CHIP	27pF	5%	50V
C7837	1-164-840-11	CERAMIC CHIP	1pF	0.25pF	50V
C7838	1-164-840-11	CERAMIC CHIP	1pF	0.25pF	50V
C7840	1-164-860-11	CERAMIC CHIP	27pF	5%	50V
C7841	1-164-860-11	CERAMIC CHIP	27pF	5%	50V
C7842	1-100-581-81	CERAMIC CHIP	0.0047µF	10%	50V
C7844	1-117-681-11	ELECT CHIP	100µF	20%	16V
C7845	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7846	1-137-765-21	ELECT CHIP	47µF	20%	16V
C7847	1-164-939-11	CERAMIC CHIP	0.0022µF	10%	50V

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REF. NO.	PART NO.	DESCRIPTION	VALUES		
C7848	1-100-588-21	ELECT CHIP	1000µF	20%	6.3V
C7849	1-100-567-81	CERAMIC CHIP	0.01µF	10%	25V
C7850	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C7852	1-128-396-11	ELECT CHIP	470µF	20%	10V
C7853	1-100-567-81	CERAMIC CHIP	0.01µF	10%	25V
C7854	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C7855	1-165-887-91	CERAMIC CHIP	0.22µF	10%	6.3V
C7856	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C7857	1-100-159-91	CERAMIC CHIP	22µF	10%	6.3V
C7858	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C7859	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C7862	1-112-046-11	CERAMIC CHIP	4.7µF	10%	6.3V
C7863	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7864	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7866	1-100-567-81	CERAMIC CHIP	0.01µF	10%	25V
C7867	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C7870	1-165-989-11	CERAMIC CHIP	10µF	10%	6.3V
C7871	1-165-989-11	CERAMIC CHIP	10µF	10%	6.3V
C7878	1-128-396-11	ELECT CHIP	470µF	20%	10V
C7879	1-162-995-11	CERAMIC CHIP	0.022µF		50V
C7950	1-100-567-81	CERAMIC CHIP	0.01µF	10%	25V
C7951	1-100-567-81	CERAMIC CHIP	0.01µF	10%	25V
C7952	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C7953	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7954	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7956	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7958	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7959	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7960	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C7961	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C7962	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C9100	1-126-210-21	ELECT CHIP	220µF	20%	4V
C9101	1-126-210-21	ELECT CHIP	220µF	20%	4V
C9105	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C9106	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C9107	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C9108	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C9110	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C9111	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C9112	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C9113	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C9114	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C9115	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C9116	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C9117	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C9118	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C9119	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C9121	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C9122	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C9123	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C9124	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C9125	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C9126	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C9127	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C9128	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C9129	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C9130	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C9131	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C9132	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C9133	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C9134	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C9135	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C9136	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C9137	1-165-989-11	CERAMIC CHIP	10µF	10%	6.3V
C9138	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C9139	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C9140	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C9143	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C9144	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C9145	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C9146	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C9147	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C9149	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C9150	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C9151	1-165-989-11	CERAMIC CHIP	10µF	10%	6.3V
C9152	1-165-989-11	CERAMIC CHIP	10µF	10%	6.3V
C9153	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C9154	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C9155	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C9156	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C9157	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C9158	1-162-968-11	CERAMIC CHIP	0.0047µF	10%	50V
C9159	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C9160	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C9161	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C9162	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C9163	1-164-315-11	CERAMIC CHIP	470pF	5%	50V

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BM

	REF. NO.	PART NO.	DESCRIPTION	VALUES
		CONNECTOR		
*	CN1400	1-819-928-11	HEADER ASSENBLY	20P
*	CN2000	1-819-461-11	HEADER ASSEMBLY FOR PWB	
	CN3004	1-779-936-51	CONNECTOR, FFC/FPC	18P
*	CN3008	1-820-188-11	HEADER ASSEMBLY (PRINT PWB)	11P
*	CN4001	1-820-550-11	HEADER ASSEMBLY FOR PWB	
	CN5000	1-821-013-11	D SUB CONNECTOR	
*	CN9102	1-818-656-21	HEADER ASSEMBLY	30P
		DIODE		
	D1013	6-501-758-01	DIODE	MAZ8100G0LS0
	D1014	6-501-758-01	DIODE	MAZ8100G0LS0
	D1015	6-501-758-01	DIODE	MAZ8100G0LS0
	D1016	6-501-758-01	DIODE	MAZ8100G0LS0
	D1019	6-501-758-01	DIODE	MAZ8100G0LS0
	D1020	6-501-758-01	DIODE	MAZ8100G0LS0
	D1021	6-501-758-01	DIODE	MAZ8100G0LS0
	D2002	6-501-817-01	DIODE	MA2J1110GLS0
	D2008	6-501-817-01	DIODE	MA2J1110GLS0
⚠	D2014	6-500-028-01	DIODE	MM3Z9V1ST1
	D2017	8-719-050-37	DIODE	M1MA152WA-T1
	D2018	8-719-977-28	DIODE	DTZ10B
	D2019	8-719-977-28	DIODE	DTZ10B
*	D2020	6-501-732-01	DIODE	MAZ8056G0LS0
*	D2021	6-501-732-01	DIODE	MAZ8056G0LS0
*	D2022	6-501-732-01	DIODE	MAZ8056G0LS0
	D3002	8-719-071-87	DIODE	MA785-(TX),SO
	D3007	8-719-077-59	DIODE	1PS302
*	D3020	6-501-732-01	DIODE	MAZ8056G0LS0
*	D3021	6-501-732-01	DIODE	MAZ8056G0LS0
	D4012	6-501-774-01	DIODE	MAZ8150G0LS0
*	D5000	6-501-732-01	DIODE	MAZ8056G0LS0
*	D5001	6-501-732-01	DIODE	MAZ8056G0LS0
*	D5002	6-501-732-01	DIODE	MAZ8056G0LS0
	D5003	8-719-050-38	DIODE	M1MA152WK-T1
	D5506	6-500-701-01	DIODE	PGB1010603NR
	D5508	8-719-081-97	DIODE	MMDL914T1
	D5509	6-500-701-01	DIODE	PGB1010603NR
	D5513	6-500-701-01	DIODE	PGB1010603NR
	D5516	8-719-081-97	DIODE	MMDL914T1
	D5517	6-500-701-01	DIODE	PGB1010603NR
	D7000	8-719-081-97	DIODE	MMDL914T1
	D7001	8-719-988-61	DIODE	1SS355TE-17
	D7002	6-500-253-01	DIODE	RB053L-30TE25
	D7003	8-719-977-28	DIODE	DTZ10B
	D7004	6-501-743-01	DIODE	MAZ8068GMLS0
	D7008	8-719-083-58	DIODE	UDZSNPTE-173.9B
	D7010	8-719-081-34	DIODE	RB160M-30TR
	D7013	8-719-081-34	DIODE	RB160M-30TR
	D7019	6-500-253-01	DIODE	RB053L-30TE25
	D7201	8-719-081-97	DIODE	MMDL914T1
	D7500	8-719-073-34	DIODE	EC21QS03L-TE12L
	D7801	8-719-058-24	DIODE	RB501V-40TE-17
*	D7802	6-501-732-01	DIODE	MAZ8056G0LS0
*	D7803	6-501-732-01	DIODE	MAZ8056G0LS0
		FUSE		
	F2000	1-576-958-21	FUSE	4A 24V
	F3001	1-576-646-11	FUSE	0.5A 50V
	F4001	1-576-933-21	FUSE	5A 24V
⚠	F7000	1-576-603-21	FUSE	3.15A 24V
		FERRITE BEAD		
	FB1700	1-216-864-11	SHORT CHIP	
	FB1701	1-412-983-31	INDUCTOR	2.2µH
	FB2000	1-400-212-22	FERRITE	0µH
	FB2006	1-400-089-21	FERRITE	0µH
	FB2007	1-400-089-21	FERRITE	0µH
	FB2008	1-400-089-21	FERRITE	0µH
	FB2009	1-400-089-21	FERRITE	0µH
	FB2010	1-400-089-21	FERRITE	0µH
	FB2012	1-400-089-21	FERRITE	0µH
	FB2013	1-400-089-21	FERRITE	0µH
	FB2014	1-400-089-21	FERRITE	0µH
	FB4001	1-400-089-21	FERRITE	0µH
	FB4002	1-400-110-21	FERRITE	0µH
	FB4003	1-400-089-21	FERRITE	0µH
	FB4005	1-414-445-11	FERRITE	0µH
	FB4006	1-414-445-11	FERRITE	0µH
	FB4007	1-414-445-11	FERRITE	0µH
	FB4008	1-400-591-22	FERRITE	0µH
	FB4009	1-400-591-22	FERRITE	0µH
	FB4010	1-400-591-22	FERRITE	0µH
	FB4011	1-400-591-22	FERRITE	0µH
	FB4013	1-400-089-21	FERRITE	0µH
	FB4501	1-412-983-31	INDUCTOR	2.2µH
	FB4502	1-469-555-21	INDUCTOR	10µH
	FB5000	1-469-100-21	FERRITE	0µH
	FB5001	1-469-100-21	FERRITE	0µH
	FB5002	1-469-100-21	FERRITE	0µH
	FB5004	1-469-100-21	FERRITE	0µH

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BM

	REF. NO.	PART NO.	DESCRIPTION	VALUES
	FB5005	1-400-141-22	FERRITE	0µH
	FB7000	1-400-794-21	FERRITE	0µH
	FB7003	1-400-089-21	FERRITE	0µH
⚠	FB7200	1-414-229-11	FERRITE	0µH
⚠	FB7201	1-414-229-11	FERRITE	0µH
	FB7202	1-414-229-11	FERRITE	0µH
	FB7203	1-414-229-11	FERRITE	0µH
	FB7204	1-414-229-11	FERRITE	0µH
	FB7300	1-400-089-21	FERRITE	0µH
	FB7301	1-400-089-21	FERRITE	0µH
	FB7302	1-414-229-11	FERRITE	0µH
	FB7303	1-414-229-11	FERRITE	0µH
	FB7400	1-414-229-11	FERRITE	0µH
⚠	FB7700	1-414-229-11	FERRITE	0µH
	FB7701	1-414-229-11	FERRITE	0µH
	FB7800	1-414-229-11	FERRITE	0µH
	FB7801	1-218-990-81	SHORT CHIP	
	FB7802	1-218-990-81	SHORT CHIP	
	FB7803	1-469-084-21	FERRITE	0MH
	FB7804	1-469-083-21	FERRITE	0µH
	FB7805	1-469-083-21	FERRITE	0µH
	FB7806	1-469-083-21	FERRITE	0µH
	FB7807	1-469-083-21	FERRITE	0µH
	FB7808	1-400-198-21	FERRITE	0µH
	FB7809	1-400-198-21	FERRITE	0µH
	FB9101	1-400-089-21	FERRITE	0µH
		FILTER		
	FL3001	1-234-177-21	FERRITE	0µH
	FL5501	1-234-177-21	FERRITE	0µH
	FL5502	1-234-177-21	FERRITE	0µH
		IC		
	IC1001	8-759-548-56	IC	M52055FP
	IC2004	8-759-278-58	IC	NJM4558V-TE2
	IC2005	8-759-460-79	IC	BA09FP-E2
	IC2006	8-759-278-58	IC	NJM4558V-TE2
	IC2008	6-709-927-01	IC	RT8H225C-TP-2
	IC2009	6-710-904-01	IC	TPA3100D2PHPR
	IC2010	8-759-359-49	IC	NJM3414AV(TE2)
	IC2011	6-709-927-01	IC	RT8H225C-TP-2
	IC2013	6-701-105-01	IC	NJM2750M-TE2
	IC2014	6-707-181-01	IC	AK5366VQ-L
	IC2015	6-704-819-01	IC	CS4335-KSZR
	IC2016	6-704-819-01	IC	CS4335-KSZR

	REF. NO.	PART NO.	DESCRIPTION	VALUES
	IC3005	6-704-607-01	IC	M24C16-WMN6T(B)
	IC3007	6-709-731-01	IC	ADT75ARZ-REEL
	IC3009	6-709-517-01	IC	S-35390A-J8T1G
	IC3010	6-801-402-01	IC	BD4729GTR
	IC3011	6-806-734-01	IC	MB95F118ASPMT-G-SPE1
⚠	IC4501	6-711-281-01	IC	AD9380KSTZ-100
	IC5000	6-704-600-01	IC	M24C02-WMN6T(B)
	IC5001	6-707-846-01	IC	TC74LCX14FT(EKJ)
	IC5501	6-704-001-01	IC	BR24L02F-WSE2
	IC5503	6-704-001-01	IC	BR24L02F-WSE2
	IC5511	6-708-758-01	IC	PCA9517DP.118
	IC5512	8-759-596-34	IC	SN74LV4053APWR
	IC5513	8-753-255-97	IC	CXB1441R-T4
	IC7000	6-702-142-01	IC	PQ1CY1032ZP
	IC7001	6-708-171-01	IC	MIC5235YM5TR
	IC7002	6-703-708-01	IC	LM2903DT
	IC7003	6-703-175-01	IC	PST3629UL
⚠	IC7004	6-709-075-01	IC	TPS5124DBTRG4
⚠	IC7005	6-709-075-01	IC	TPS5124DBTRG4
	IC7006	6-707-739-01	IC	MM1661JTRE
	IC7300	6-711-353-01	IC	100CK2254
	IC7301	6-700-631-01	IC	TPS2051ADR
	IC7400	6-711-198-01	IC	HYB18TC512160BF-2.5
	IC7501	6-709-504-01	IC	K9F5608U0D-PCB0T
⚠	IC7503	6-807-556-01	IC	M25P40-VMN6TP
	IC7504	8-759-675-48	IC	SN74LVC32APWR
	IC7505	6-705-468-01	IC	BA33BC0FP-E2
	IC7506	6-703-038-01	IC	CD74HC4538PWR
	IC7950	8-759-338-95	IC	NJM2903V(TE2)
	IC9100	6-702-973-01	IC	CXD9690Q
	IC9102	6-704-519-01	IC	THC63LVD103
	IC9105	6-701-680-01	IC	PST3629NR
		JACK		
	J1000	1-780-487-11	S TERMINAL BLOCK	
	J1100	1-821-064-11	PHONO JACK	10P
	J1701	1-820-765-11	PHONO JACK	2P
	J1710	1-820-638-11	JACK (SMALL TYPE)	
*	J1722	1-821-418-11	PIN JACK BLOCK	1P
	J5505	1-818-737-11	HDMI CONNECTOR	
	J5506	1-818-737-11	HDMI CONNECTOR	

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BM

REF. NO.	PART NO.	DESCRIPTION	VALUES
	COIL		
L1001	1-469-555-21	INDUCTOR	10µH
L1007	1-412-983-31	INDUCTOR	2.2µH
L2005	1-469-555-21	INDUCTOR	10µH
L2011	1-469-555-21	INDUCTOR	10µH
L2015	1-469-555-21	INDUCTOR	10µH
L2016	1-481-083-11	INDUCTOR	22µH
L2017	1-412-058-11	INDUCTOR	10µH
L2018	1-457-429-11	INDUCTOR	22µH
L2019	1-457-429-11	INDUCTOR	22µH
L2022	1-469-555-21	INDUCTOR	10µH
L2023	1-216-864-11	SHORT CHIP	
L2025	1-469-555-21	INDUCTOR	10µH
L2026	1-457-429-11	INDUCTOR	22µH
L2027	1-457-429-11	INDUCTOR	22µH
L3002	1-400-794-21	FERRITE	0µH
L4501	1-469-555-21	INDUCTOR	10µH
L4502	1-469-555-21	INDUCTOR	10µH
L4503	1-469-555-21	INDUCTOR	10µH
L4504	1-469-555-21	INDUCTOR	10µH
L4505	1-469-555-21	INDUCTOR	10µH
L5005	1-457-223-11	INDUCTOR	0µH
L5006	1-457-223-11	INDUCTOR	0µH
L5007	1-457-223-11	INDUCTOR	0µH
L5008	1-457-223-11	INDUCTOR	0µH
L5501	1-457-223-11	INDUCTOR	0µH
L5502	1-457-223-11	INDUCTOR	0µH
L5503	1-457-223-11	INDUCTOR	0µH
L5504	1-457-223-11	INDUCTOR	0µH
L7001	1-457-242-11	INDUCTOR	47µH
L7002	1-424-976-21	INDUCTOR	47µH
L7004	1-424-922-21	INDUCTOR	10µH
L7005	1-424-922-21	INDUCTOR	10µH
L7006	1-400-325-11	INDUCTOR	5.6µH
L7007	1-400-281-11	INDUCTOR	10µH
L7201	1-400-180-21	FERRITE	0µH
L7300	1-400-284-21	INDUCTOR	0µH
L7431	1-400-180-21	FERRITE	0µH
L7720	1-400-180-21	FERRITE	0µH
L7800	1-412-973-11	INDUCTOR	0.33µH
L7801	1-412-971-31	INDUCTOR	0.22µH
L7802	1-412-971-31	INDUCTOR	0.22µH
L7805	1-412-973-11	INDUCTOR	0.33µH
L7806	1-412-974-41	INDUCTOR	0.39µH
L7807	1-412-974-41	INDUCTOR	0.39µH
L7808	1-469-555-21	INDUCTOR	10µH
L7809	1-412-972-31	INDUCTOR	0.27µH
L7810	1-412-972-31	INDUCTOR	0.27µH
L7811	1-469-555-21	INDUCTOR	10µH
L7812	1-469-555-21	INDUCTOR	10µH
L7813	1-469-555-21	INDUCTOR	10µH
L7814	1-469-555-21	INDUCTOR	10µH
L7815	1-469-555-21	INDUCTOR	10µH
L7817	1-400-180-21	FERRITE	0µH
L7818	1-400-180-21	FERRITE	0µH
L7819	1-469-555-21	INDUCTOR	10µH
L7820	1-400-180-21	FERRITE	0µH
L7821	1-400-180-21	FERRITE	0µH
L7822	1-400-180-21	FERRITE	0µH
L7824	1-400-180-21	FERRITE	0µH
L7825	1-400-180-21	FERRITE	0µH
L7826	1-400-180-21	FERRITE	0µH
L7827	1-400-180-21	FERRITE	0µH
L9100	1-469-555-21	INDUCTOR	10µH
L9101	1-412-029-11	INDUCTOR	10µH
L9103	1-469-555-21	INDUCTOR	10µH
L9104	1-469-555-21	INDUCTOR	10µH
L9105	1-469-555-21	INDUCTOR	10µH
L9106	1-456-984-11	INDUCTOR	0µH
L9107	1-456-984-11	INDUCTOR	0µH
L9108	1-456-984-11	INDUCTOR	0µH
L9109	1-456-984-11	INDUCTOR	0µH
L9110	1-456-984-11	INDUCTOR	0µH
L9111	1-400-177-21	FERRITE	0µH
	IC LINK		
PS5000	1-576-646-11	FUSE	0.5A 50V
⚠ PS7000	1-576-925-11	IC LINK	3.15A 0V
⚠ PS7001	1-576-925-11	IC LINK	3.15A 0V
	TRANSISTOR		
Q1007	8-729-422-27	TRANSISTOR	2SD601A-Q
Q2006	8-729-620-13	TRANSISTOR	2SC4154TP-1EF
Q2007	6-551-364-01	TRANSISTOR	DTC614TUT106
Q2008	6-551-364-01	TRANSISTOR	DTC614TUT106
Q2009	8-729-028-96	TRANSISTOR	DTC114EUA-T106
Q2010	8-729-013-28	TRANSISTOR	HN1B01FU-TE85R
Q2012	6-551-271-01	TRANSISTOR	RT3AMMM
Q2013	6-551-271-01	TRANSISTOR	RT3AMMM
Q2016	8-729-028-96	TRANSISTOR	DTC114EUA-T106

NOTE: The components identified by shaDIODEng and ⚠ mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

BM

REF. NO.	PART NO.	DESCRIPTION	VALUES
Q2017	8-729-028-96	TRANSISTOR	DTC114EUA-T106
Q2018	8-729-028-96	TRANSISTOR	DTC114EUA-T106
Q2019	6-551-364-01	TRANSISTOR	DTC614TUT106
Q2020	6-551-364-01	TRANSISTOR	DTC614TUT106
Q2021	8-729-422-27	TRANSISTOR	2SD601A-Q
Q3007	8-729-028-96	TRANSISTOR	DTC114EUA-T106
Q4001	8-729-028-97	TRANSISTOR	DTC114TUA-T106
Q4002	8-729-028-97	TRANSISTOR	DTC114TUA-T106
Q4011	8-729-907-00	TRANSISTOR	DTC114EU
Q4014	8-729-028-96	TRANSISTOR	DTC114EUA-T106
Q4016	8-729-028-97	TRANSISTOR	DTC114TUA-T106
Q4017	8-729-028-97	TRANSISTOR	DTC114TUA-T106
Q4018	8-729-054-36	TRANSISTOR	UPA1716G-E2
Q4501	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
Q4502	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
Q4503	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
Q5503	8-729-028-28	TRANSISTOR	2SK2036(TE85L)
Q5505	8-729-028-28	TRANSISTOR	2SK2036(TE85L)
Q5507	8-729-028-96	TRANSISTOR	DTC114EUA-T106
Q5624	8-729-907-00	TRANSISTOR	DTC114EU
Q5625	8-729-907-00	TRANSISTOR	DTC114EU
⚠ Q7000	8-729-046-04	TRANSISTOR	FDS6690A
⚠ Q7001	6-709-438-01	TRANSISTOR	FDS6986AS-NL
⚠ Q7002	6-709-438-01	TRANSISTOR	FDS6986AS-NL
⚠ Q7003	6-709-438-01	TRANSISTOR	FDS6986AS-NL
⚠ Q7004	6-709-438-01	TRANSISTOR	FDS6986AS-NL
Q7800	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
Q7802	6-551-699-01	TRANSISTOR	ISA1602AM1TP-1EF
Q7803	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
Q7804	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
Q7807	8-729-620-13	TRANSISTOR	2SC4154TP-1EF
Q9100	8-729-600-22	TRANSISTOR	2SA1235-F
Q9101	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF

RESISTOR

R1012	1-218-985-11	RES-CHIP	470K	5%	1/16W
R1013	1-218-990-81	SHORT CHIP			
R1014	1-218-985-11	RES-CHIP	470K	5%	1/16W
R1015	1-218-990-81	SHORT CHIP			
R1016	1-218-990-81	SHORT CHIP			
R1021	1-218-985-11	RES-CHIP	470K	5%	1/16W
R1022	1-218-990-81	SHORT CHIP			
R1023	1-218-985-11	RES-CHIP	470K	5%	1/16W
R1024	1-218-990-81	SHORT CHIP			
R1025	1-218-990-81	SHORT CHIP			
R1102	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1103	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1104	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1105	1-218-933-11	RES-CHIP	22	5%	1/16W
R1106	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1107	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1108	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1109	1-218-933-11	RES-CHIP	22	5%	1/16W
R1110	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1111	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1112	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1113	1-218-933-11	RES-CHIP	22	5%	1/16W
R1114	1-218-990-81	SHORT CHIP			
R1115	1-218-985-11	RES-CHIP	470K	5%	1/16W
R1116	1-218-990-81	SHORT CHIP			
R1117	1-218-985-11	RES-CHIP	470K	5%	1/16W
R1132	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1133	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1134	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1135	1-218-933-11	RES-CHIP	22	5%	1/16W
R1136	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1137	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1138	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1139	1-218-933-11	RES-CHIP	22	5%	1/16W
R1140	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1141	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1142	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1143	1-218-933-11	RES-CHIP	22	5%	1/16W
R1144	1-218-990-81	SHORT CHIP			
R1145	1-218-985-11	RES-CHIP	470K	5%	1/16W
R1146	1-218-990-81	SHORT CHIP			
R1147	1-218-985-11	RES-CHIP	470K	5%	1/16W
R1401	1-216-864-11	SHORT CHIP			
R1402	1-218-990-81	SHORT CHIP			
R1403	1-218-990-81	SHORT CHIP			
R1404	1-218-990-81	SHORT CHIP			
R1405	1-218-990-81	SHORT CHIP			
R1406	1-218-990-81	SHORT CHIP			
R1408	1-216-864-11	SHORT CHIP			
R1700	1-218-981-91	RES-CHIP	220K	5%	1/16W
R1701	1-218-981-91	RES-CHIP	220K	5%	1/16W
R1702	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1703	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1710	1-218-985-11	RES-CHIP	470K	5%	1/16W
R1711	1-218-985-11	RES-CHIP	470K	5%	1/16W

BM

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R1712	1-218-953-11	RES-CHIP	1K	5%	1/16W
R1713	1-218-953-11	RES-CHIP	1K	5%	1/16W
R1720	1-218-985-11	RES-CHIP	470K	5%	1/16W
R1721	1-218-985-11	RES-CHIP	470K	5%	1/16W
R1722	1-218-953-11	RES-CHIP	1K	5%	1/16W
R1723	1-218-953-11	RES-CHIP	1K	5%	1/16W
R1726	1-216-864-11	SHORT CHIP			
R1727	1-216-864-11	SHORT CHIP			
R1728	1-216-864-11	SHORT CHIP			
R1822	1-218-990-81	SHORT CHIP			
R1832	1-218-990-81	SHORT CHIP			
R1833	1-218-990-81	SHORT CHIP			
R1836	1-218-990-81	SHORT CHIP			
R1839	1-218-990-81	SHORT CHIP			
R1842	1-218-990-81	SHORT CHIP			
R1845	1-218-990-81	SHORT CHIP			
R1848	1-218-990-81	SHORT CHIP			
R1850	1-216-809-11	METAL CHIP	100	5%	1/10W
R1859	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1866	1-216-864-11	SHORT CHIP			
R1867	1-216-864-11	SHORT CHIP			
R1868	1-216-864-11	SHORT CHIP			
R1869	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1870	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1871	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1876	1-216-864-11	SHORT CHIP			
R1877	1-216-864-11	SHORT CHIP			
R1878	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1885	1-216-864-11	SHORT CHIP			
R1886	1-216-864-11	SHORT CHIP			
R1887	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1894	1-216-864-11	SHORT CHIP			
R1914	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1915	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1916	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1917	1-218-969-11	RES-CHIP	22K	5%	1/16W
R1918	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1919	1-218-941-81	RES-CHIP	100	5%	1/16W
R1920	1-218-839-11	METAL CHIP	470	0.50%	1/10W
R1922	1-218-990-81	SHORT CHIP			
R1923	1-218-990-81	SHORT CHIP			
R1924	1-216-864-11	SHORT CHIP			
R1925	1-216-864-11	SHORT CHIP			
R1926	1-216-864-11	SHORT CHIP			
R1927	1-216-864-11	SHORT CHIP			
R1928	1-216-864-11	SHORT CHIP			
R1929	1-216-864-11	SHORT CHIP			
R1930	1-216-864-11	SHORT CHIP			
R1931	1-216-864-11	SHORT CHIP			
R1932	1-216-864-11	SHORT CHIP			
R1933	1-216-864-11	SHORT CHIP			
R1934	1-216-864-11	SHORT CHIP			
R1935	1-216-864-11	SHORT CHIP			
R1936	1-216-864-11	SHORT CHIP			
R1937	1-216-864-11	SHORT CHIP			
R1938	1-216-864-11	SHORT CHIP			
R1939	1-216-864-11	SHORT CHIP			
R1940	1-216-295-91	SHORT CHIP			
R1941	1-216-295-91	SHORT CHIP			
R1942	1-216-295-91	SHORT CHIP			
R1943	1-216-295-91	SHORT CHIP			
R1944	1-216-295-91	SHORT CHIP			
R1945	1-216-295-91	SHORT CHIP			
R1946	1-216-295-91	SHORT CHIP			
R1947	1-216-295-91	SHORT CHIP			
R1948	1-216-295-91	SHORT CHIP			
R1949	1-216-295-91	SHORT CHIP			
R1950	1-216-295-91	SHORT CHIP			
R1951	1-216-295-91	SHORT CHIP			
R1952	1-216-295-91	SHORT CHIP			
R1953	1-216-295-91	SHORT CHIP			
R1954	1-216-295-91	SHORT CHIP			
R1955	1-216-295-91	SHORT CHIP			
R1956	1-216-295-91	SHORT CHIP			
R1957	1-216-295-91	SHORT CHIP			
R1958	1-216-295-91	SHORT CHIP			
R1959	1-216-295-91	SHORT CHIP			
R1960	1-216-295-91	SHORT CHIP			
R1961	1-216-295-91	SHORT CHIP			
R1962	1-216-295-91	SHORT CHIP			
R1963	1-216-295-91	SHORT CHIP			
R2110	1-208-905-11	METAL CHIP	5.6K	0.50%	1/16W
R2111	1-208-905-11	METAL CHIP	5.6K	0.50%	1/16W
R2112	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2113	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2114	1-216-864-11	SHORT CHIP			
R2116	1-216-864-11	SHORT CHIP			
R2117	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W
R2118	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W
R2120	1-218-973-11	RES-CHIP	47K	5%	1/16W

BM

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R2121	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2122	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2126	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2129	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2130	1-208-697-11	METAL CHIP	3.9K	0.50%	1/16W
R2131	1-208-697-11	METAL CHIP	3.9K	0.50%	1/16W
R2133	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2138	1-218-985-11	RES-CHIP	470K	5%	1/16W
R2139	1-218-985-11	RES-CHIP	470K	5%	1/16W
R2141	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R2142	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R2143	1-208-905-11	METAL CHIP	5.6K	0.50%	1/16W
R2145	1-208-905-11	METAL CHIP	5.6K	0.50%	1/16W
R2147	1-218-990-81	SHORT CHIP			
R2148	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2149	1-218-969-11	RES-CHIP	22K	5%	1/16W
R2150	1-218-969-11	RES-CHIP	22K	5%	1/16W
R2151	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2153	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2161	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2162	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2163	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2166	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2167	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2168	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R2169	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2170	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2171	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R2176	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2177	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2178	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2179	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2180	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2181	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2184	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2185	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2186	1-216-813-11	METAL CHIP	220	5%	1/10W
R2187	1-216-813-11	METAL CHIP	220	5%	1/10W
R2198	1-218-963-11	RES-CHIP	6.8K	5%	1/16W
R2199	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2200	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2201	1-218-990-81	SHORT CHIP			
R2202	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2204	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2205	1-218-973-11	RES-CHIP	47K	5%	1/16W

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R2206	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2210	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W
R2211	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W
R2212	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R2213	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R2214	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2215	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2216	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2217	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2222	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2227	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2228	1-469-083-21	FERRITE	0µH		
R2229	1-469-083-21	FERRITE	0µH		
R2230	1-220-199-81	RES-CHIP	24K	5%	1/16W
R2231	1-220-199-81	RES-CHIP	24K	5%	1/16W
R2232	1-469-083-21	FERRITE	0µH		
R2233	1-469-083-21	FERRITE	0µH		
R2234	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2235	1-216-813-11	METAL CHIP	220	5%	1/10W
R2236	1-216-807-11	METAL CHIP	68	5%	1/10W
R2237	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2238	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2239	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2249	1-218-941-81	RES-CHIP	100	5%	1/16W
R2250	1-218-990-81	SHORT CHIP			
R2251	1-218-953-11	RES-CHIP	1K	5%	1/16W
R2252	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R2253	1-218-990-81	SHORT CHIP			
R2254	1-218-990-81	SHORT CHIP			
R2257	1-218-982-11	RES-CHIP	270K	5%	1/16W
R2258	1-218-982-11	RES-CHIP	270K	5%	1/16W
R2259	1-218-982-11	RES-CHIP	270K	5%	1/16W
R2260	1-218-982-11	RES-CHIP	270K	5%	1/16W
R2261	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2262	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2263	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2264	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2265	1-218-950-11	RES-CHIP	560	5%	1/16W
R2266	1-218-950-11	RES-CHIP	560	5%	1/16W
R2267	1-218-950-11	RES-CHIP	560	5%	1/16W
R2268	1-218-950-11	RES-CHIP	560	5%	1/16W
R2269	1-218-941-81	RES-CHIP	100	5%	1/16W
R2270	1-218-941-81	RES-CHIP	100	5%	1/16W
R2271	1-218-941-81	RES-CHIP	100	5%	1/16W
R2272	1-218-941-81	RES-CHIP	100	5%	1/16W

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REF. NO.	PART NO.	DESCRIPTION	VALUES		
R2273	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2274	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2275	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2276	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2277	1-218-990-81	SHORT CHIP			
R2278	1-218-990-81	SHORT CHIP			
R2281	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W
R2282	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R2283	1-218-990-81	SHORT CHIP			
R3010	1-218-990-81	SHORT CHIP			
R3031	1-208-931-11	METAL CHIP	68K	0.50%	1/16W
R3034	1-208-703-11	METAL CHIP	6.8K	0.50%	1/16W
R3037	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R3073	1-218-990-81	SHORT CHIP			
R3087	1-218-990-81	SHORT CHIP			
R3101	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R3146	1-218-941-81	RES-CHIP	100	5%	1/16W
R3180	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3190	1-208-886-81	METAL CHIP	910	0.50%	1/16W
R3201	1-218-990-81	SHORT CHIP			
R3218	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R3223	1-218-945-11	RES-CHIP	220	5%	1/16W
R3243	1-218-941-81	RES-CHIP	100	5%	1/16W
R3247	1-218-990-81	SHORT CHIP			
R3249	1-218-935-11	RES-CHIP	33	5%	1/16W
R3255	1-400-591-22	FERRITE	0µH		
R3256	1-400-591-22	FERRITE	0µH		
R3257	1-400-591-22	FERRITE	0µH		
R3258	1-400-591-22	FERRITE	0µH		
R3260	1-400-591-22	FERRITE	0µH		
R3261	1-400-591-22	FERRITE	0µH		
R3262	1-400-591-22	FERRITE	0µH		
R3264	1-400-591-22	FERRITE	0µH		
R3265	1-400-591-22	FERRITE	0µH		
R3267	1-216-864-11	SHORT CHIP			
R3270	1-218-941-81	RES-CHIP	100	5%	1/16W
R3515	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3516	1-216-809-11	METAL CHIP	100	5%	1/10W
R3517	1-218-989-11	RES-CHIP	1M	5%	1/16W
R3519	1-216-809-11	METAL CHIP	100	5%	1/10W
R3524	1-218-990-81	SHORT CHIP			
R3526	1-216-864-11	SHORT CHIP			
R3527	1-218-941-81	RES-CHIP	100	5%	1/16W
R3528	1-218-990-81	SHORT CHIP			
R3533	1-216-864-11	SHORT CHIP			
R3534	1-216-864-11	SHORT CHIP			
R3539	1-218-990-81	SHORT CHIP			
R3541	1-218-990-81	SHORT CHIP			
R4002	1-218-977-11	RES-CHIP	100K	5%	1/16W
R4006	1-218-977-11	RES-CHIP	100K	5%	1/16W
R4007	1-218-979-11	RES-CHIP	150K	5%	1/16W
R4008	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4013	1-218-977-11	RES-CHIP	100K	5%	1/16W
R4042	1-218-977-11	RES-CHIP	100K	5%	1/16W
R4043	1-218-979-11	RES-CHIP	150K	5%	1/16W
R4045	1-216-864-11	SHORT CHIP			
R4047	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R4048	1-218-839-11	METAL CHIP	470	0.50%	1/10W
R4050	1-218-971-11	RES-CHIP	33K	5%	1/16W
R4058	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4060	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4061	1-218-983-11	RES-CHIP	330K	5%	1/16W
R4063	1-218-963-11	RES-CHIP	6.8K	5%	1/16W
R4064	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4065	1-218-971-11	RES-CHIP	33K	5%	1/16W
R4067	1-218-990-81	SHORT CHIP			
R4545	1-218-665-11	METAL CHIP	75	0.50%	1/10W
R4546	1-218-665-11	METAL CHIP	75	0.50%	1/10W
R4547	1-218-665-11	METAL CHIP	75	0.50%	1/10W
R4551	1-216-864-11	SHORT CHIP			
R4552	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R4553	1-218-289-11	METAL CHIP	510	5%	1/10W
R4554	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4555	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4556	1-216-801-11	METAL CHIP	22	5%	1/10W
R4557	1-216-801-11	METAL CHIP	22	5%	1/10W
R4558	1-216-801-11	METAL CHIP	22	5%	1/10W
R4559	1-216-801-11	METAL CHIP	22	5%	1/10W
R4560	1-218-969-11	RES-CHIP	22K	5%	1/16W
R4561	1-218-969-11	RES-CHIP	22K	5%	1/16W
R4562	1-218-969-11	RES-CHIP	22K	5%	1/16W
R4563	1-218-969-11	RES-CHIP	22K	5%	1/16W
R4564	1-218-969-11	RES-CHIP	22K	5%	1/16W
R4565	1-218-969-11	RES-CHIP	22K	5%	1/16W
R4575	1-216-864-11	SHORT CHIP			
R4576	1-216-864-11	SHORT CHIP			
R4577	1-216-864-11	SHORT CHIP			
R4578	1-208-675-11	METAL CHIP	470	0.50%	1/16W
R4579	1-208-675-11	METAL CHIP	470	0.50%	1/16W
R4580	1-208-675-11	METAL CHIP	470	0.50%	1/16W

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REF. NO.	PART NO.	DESCRIPTION	VALUES		
R5012	1-218-827-11	METAL CHIP	150	0.50%	1/10W
R5013	1-218-827-11	METAL CHIP	150	0.50%	1/10W
R5014	1-218-827-11	METAL CHIP	150	0.50%	1/10W
R5015	1-218-827-11	METAL CHIP	150	0.50%	1/10W
R5016	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5017	1-218-827-11	METAL CHIP	150	0.50%	1/10W
R5018	1-218-827-11	METAL CHIP	150	0.50%	1/10W
R5019	1-218-977-11	RES-CHIP	100K	5%	1/16W
R5029	1-218-933-11	RES-CHIP	22	5%	1/16W
R5030	1-218-933-11	RES-CHIP	22	5%	1/16W
R5501	1-218-929-11	RES-CHIP	10	5%	1/16W
R5504	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R5505	1-218-929-11	RES-CHIP	10	5%	1/16W
R5512	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R5513	1-218-941-81	RES-CHIP	100	5%	1/16W
R5514	1-218-941-81	RES-CHIP	100	5%	1/16W
R5519	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5521	1-218-973-11	RES-CHIP	47K	5%	1/16W
R5525	1-218-973-11	RES-CHIP	47K	5%	1/16W
R5527	1-218-941-81	RES-CHIP	100	5%	1/16W
R5528	1-218-941-81	RES-CHIP	100	5%	1/16W
R5529	1-218-973-11	RES-CHIP	47K	5%	1/16W
R5530	1-218-941-81	RES-CHIP	100	5%	1/16W
R5534	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5535	1-218-973-11	RES-CHIP	47K	5%	1/16W
R5536	1-218-973-11	RES-CHIP	47K	5%	1/16W
R5538	1-218-973-11	RES-CHIP	47K	5%	1/16W
R5539	1-218-990-81	SHORT CHIP			
R5543	1-218-941-81	RES-CHIP	100	5%	1/16W
R5557	1-218-990-81	SHORT CHIP			
R5580	1-216-295-91	SHORT CHIP			
R5622	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5637	1-218-990-81	SHORT CHIP			
R5638	1-218-990-81	SHORT CHIP			
R5642	1-216-864-11	SHORT CHIP			
R5644	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5645	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5648	1-216-864-11	SHORT CHIP			
R5658	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5660	1-218-990-81	SHORT CHIP			
R5671	1-218-941-81	RES-CHIP	100	5%	1/16W
R5680	1-216-864-11	SHORT CHIP			
R5681	1-216-864-11	SHORT CHIP			
R7000	1-216-821-11	METAL CHIP	1K	5%	1/10W
R7001	1-216-815-11	METAL CHIP	330	5%	1/10W
R7002	1-216-821-11	METAL CHIP	1K	5%	1/10W
R7003	1-216-821-11	METAL CHIP	1K	5%	1/10W
R7004	1-216-841-11	METAL CHIP	47K	5%	1/10W
R7005	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R7006	1-218-861-11	METAL CHIP	3.9K	0.50%	1/10W
R7007	1-218-847-11	METAL CHIP	1K	0.50%	1/10W
R7008	1-218-873-11	METAL CHIP	12K	0.50%	1/10W
R7009	1-218-891-11	METAL CHIP	68K	0.50%	1/10W
R7010	1-218-911-11	METAL CHIP	470K	0.50%	1/10W
R7012	1-216-295-91	SHORT CHIP			
R7016	1-216-295-91	SHORT CHIP			
R7017	1-469-553-21	INDUCTOR	4.7µH		
R7018	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R7019	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7020	1-218-990-81	SHORT CHIP			
R7021	1-218-990-81	SHORT CHIP			
R7022	1-216-820-11	METAL CHIP	820	5%	1/10W
R7023	1-216-819-11	METAL CHIP	680	5%	1/10W
R7024	1-218-941-81	RES-CHIP	100	5%	1/16W
R7025	1-208-936-11	METAL CHIP	110K	0.50%	1/16W
R7026	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R7027	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7028	1-208-956-81	METAL CHIP	750K	0.50%	1/16W
R7029	1-218-990-81	SHORT CHIP			
R7030	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R7032	1-218-990-81	SHORT CHIP			
R7034	1-218-977-11	RES-CHIP	100K	5%	1/16W
R7035	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W
R7036	1-218-982-11	RES-CHIP	270K	5%	1/16W
R7037	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W
R7038	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R7039	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R7040	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R7041	1-208-927-11	METAL CHIP	47K	0.50%	1/16W
R7042	1-218-982-11	RES-CHIP	270K	5%	1/16W
R7043	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R7044	1-208-929-81	METAL CHIP	56K	0.50%	1/16W
R7045	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R7046	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R7047	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W
R7048	1-218-941-81	RES-CHIP	100	5%	1/16W
R7049	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W
R7050	1-218-941-81	RES-CHIP	100	5%	1/16W
R7051	1-218-941-81	RES-CHIP	100	5%	1/16W
R7052	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W

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REF. NO.	PART NO.	DESCRIPTION	VALUES		
R7053	1-218-941-81	RES-CHIP	100	5%	1/16W
R7054	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W
R7055	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R7056	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R7057	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R7058	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R7059	1-218-937-11	RES-CHIP	47	5%	1/16W
R7060	1-218-937-11	RES-CHIP	47	5%	1/16W
R7061	1-218-937-11	RES-CHIP	47	5%	1/16W
R7062	1-218-937-11	RES-CHIP	47	5%	1/16W
R7063	1-216-864-11	SHORT CHIP			
R7064	1-216-864-11	SHORT CHIP			
R7065	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R7066	1-208-709-11	METAL CHIP	12K	0.50%	1/16W
R7067	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R7068	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R7069	1-216-295-91	SHORT CHIP			
R7070	1-216-295-91	SHORT CHIP			
R7071	1-216-791-11	METAL CHIP	3.3	5%	1/10W
R7072	1-216-791-11	METAL CHIP	3.3	5%	1/10W
R7073	1-216-791-11	METAL CHIP	3.3	5%	1/10W
R7074	1-216-791-11	METAL CHIP	3.3	5%	1/10W
R7079	1-216-295-91	SHORT CHIP			
R7080	1-216-295-91	SHORT CHIP			
R7081	1-216-295-91	SHORT CHIP			
R7082	1-216-295-91	SHORT CHIP			
R7089	1-216-295-91	SHORT CHIP			
R7092	1-218-990-81	SHORT CHIP			
R7200	1-218-989-11	RES-CHIP	1M	5%	1/16W
R7201	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R7202	1-218-990-81	SHORT CHIP			
R7203	1-218-941-81	RES-CHIP	100	5%	1/16W
R7301	1-216-864-11	SHORT CHIP			
R7302	1-216-864-11	SHORT CHIP			
R7307	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7317	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R7318	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R7327	1-218-977-11	RES-CHIP	100K	5%	1/16W
R7328	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R7329	1-216-835-11	METAL CHIP	15K	5%	1/10W
R7330	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R7331	1-216-835-11	METAL CHIP	15K	5%	1/10W
R7332	1-216-835-11	METAL CHIP	15K	5%	1/10W
R7333	1-216-835-11	METAL CHIP	15K	5%	1/10W
R7334	1-216-864-11	SHORT CHIP			

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R7335	1-216-864-11	SHORT CHIP			
R7337	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7400	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R7401	1-208-855-81	METAL CHIP	47	0.50%	1/16W
R7402	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R7403	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R7404	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R7405	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R7406	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R7407	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R7408	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R7501	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R7502	1-218-990-81	SHORT CHIP			
R7505	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7506	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7508	1-218-977-11	RES-CHIP	100K	5%	1/16W
R7509	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7511	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7513	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7517	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7521	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7526	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7528	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7529	1-218-977-11	RES-CHIP	100K	5%	1/16W
R7532	1-218-990-81	SHORT CHIP			
R7533	1-218-446-11	METAL CHIP	1	5%	1/10W
R7535	1-218-990-81	SHORT CHIP			
R7541	1-218-990-81	SHORT CHIP			
R7542	1-218-990-81	SHORT CHIP			
R7544	1-218-990-81	SHORT CHIP			
R7607	1-218-933-11	RES-CHIP	22	5%	1/16W
R7608	1-218-973-11	RES-CHIP	47K	5%	1/16W
R7609	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7610	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7611	1-218-933-11	RES-CHIP	22	5%	1/16W
R7703	1-218-990-81	SHORT CHIP			
R7705	1-218-941-81	RES-CHIP	100	5%	1/16W
R7706	1-218-935-11	RES-CHIP	33	5%	1/16W
R7710	1-218-935-11	RES-CHIP	33	5%	1/16W
R7712	1-218-935-11	RES-CHIP	33	5%	1/16W
R7714	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7715	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7716	1-218-935-11	RES-CHIP	33	5%	1/16W
R7717	1-218-935-11	RES-CHIP	33	5%	1/16W
R7800	1-218-953-11	RES-CHIP	1K	5%	1/16W

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REF. NO.	PART NO.	DESCRIPTION	VALUES		
R7808	1-218-949-11	RES-CHIP	470	5%	1/16W
R7814	1-218-941-81	RES-CHIP	100	5%	1/16W
R7819	1-218-941-81	RES-CHIP	100	5%	1/16W
R7821	1-218-969-11	RES-CHIP	22K	5%	1/16W
R7822	1-218-969-11	RES-CHIP	22K	5%	1/16W
R7829	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R7831	1-218-989-11	RES-CHIP	1M	5%	1/16W
R7834	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R7836	1-218-990-81	SHORT CHIP			
R7838	1-218-958-11	RES-CHIP	2.7K	5%	1/16W
R7839	1-208-697-11	METAL CHIP	3.9K	0.50%	1/16W
R7840	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7842	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7843	1-208-663-11	METAL CHIP	150	0.50%	1/16W
R7844	1-208-893-11	METAL CHIP	1.8K	0.50%	1/16W
R7845	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7847	1-218-941-11	RES-CHIP	100	5%	1/16W
R7848	1-218-989-11	RES-CHIP	1M	5%	1/16W
R7849	1-208-715-11	METAL CHIP	22K	0.50%	1/16W
R7851	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R7852	1-218-978-11	RES-CHIP	120K	5%	1/16W
R7853	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7868	1-208-893-11	METAL CHIP	1.8K	0.50%	1/16W
R7869	1-218-941-81	RES-CHIP	100	5%	1/16W
R7964	1-218-969-11	RES-CHIP	22K	5%	1/16W
R7965	1-208-928-11	METAL CHIP	51K	0.50%	1/16W
R7967	1-218-941-81	RES-CHIP	100	5%	1/16W
R7969	1-208-928-11	METAL CHIP	51K	0.50%	1/16W
R7970	1-218-969-11	RES-CHIP	22K	5%	1/16W
R7971	1-218-941-81	RES-CHIP	100	5%	1/16W
R7972	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R7973	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R7974	1-218-941-81	RES-CHIP	100	5%	1/16W
R7975	1-218-941-81	RES-CHIP	100	5%	1/16W
R7976	1-208-871-81	METAL CHIP	220	0.50%	1/16W
R7977	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R7979	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R7982	1-218-827-11	METAL CHIP	150	0.50%	1/10W
R7983	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R7984	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R7987	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R7988	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R7989	1-216-864-11	SHORT CHIP			
R7990	1-216-864-11	SHORT CHIP			
R9008	1-216-864-11	SHORT CHIP			

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R9109	1-216-833-11	METAL CHIP	10K	5%	1/10W
R9110	1-216-801-11	METAL CHIP	22	5%	1/10W
R9111	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9117	1-216-864-11	SHORT CHIP			
R9139	1-216-803-11	METAL CHIP	33	5%	1/10W
R9146	1-216-864-11	SHORT CHIP			
R9154	1-216-864-11	SHORT CHIP			
R9159	1-216-845-11	METAL CHIP	100K	5%	1/10W
R9163	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9165	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9166	1-216-833-11	METAL CHIP	10K	5%	1/10W
R9167	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9169	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9177	1-218-990-81	SHORT CHIP			
R9178	1-218-990-81	SHORT CHIP			
R9179	1-218-941-81	RES-CHIP	100	5%	1/16W
R9184	1-218-990-81	SHORT CHIP			
R9185	1-218-990-81	SHORT CHIP			
R9186	1-216-864-11	SHORT CHIP			
R9187	1-216-864-11	SHORT CHIP			
R9190	1-216-864-11	SHORT CHIP			
R9193	1-216-864-11	SHORT CHIP			
R9196	1-218-990-81	SHORT CHIP			

RESISTOR BRIDGE

RB002	1-234-106-81	RES, NETWORK 0
RB1001	1-234-106-81	RES, NETWORK 0
RB1002	1-234-106-81	RES, NETWORK 0
RB1003	1-234-106-81	RES, NETWORK 0
RB1004	1-234-106-81	RES, NETWORK 0
RB1005	1-234-106-81	RES, NETWORK 0
RB1006	1-234-106-81	RES, NETWORK 0
RB1007	1-234-106-81	RES, NETWORK 0
RB1008	1-234-106-81	RES, NETWORK 0
RB1009	1-234-106-81	RES, NETWORK 0
RB1010	1-234-106-81	RES, NETWORK 0
RB1011	1-234-106-81	RES, NETWORK 0
RB2001	1-234-381-11	RES, NETWORK 100K (1005X4)
RB2002	1-234-380-21	RES, NETWORK 47K (1005X4)
RB2003	1-234-380-21	RES, NETWORK 47K (1005X4)
RB2004	1-239-674-81	RESISTOR, NETWORK 100
RB2005	1-234-370-21	RES, NETWORK 22 (1005X4)
RB2006	1-234-370-21	RES, NETWORK 22 (1005X4)
RB3014	1-239-698-11	RESISTOR, NETWORK 10K
RB3015	1-239-670-81	RESISTOR, NETWORK 47

REF. NO.	PART NO.	DESCRIPTION	VALUES
RB3017	1-239-674-81	RESISTOR, NETWORK	100
RB3018	1-239-698-11	RESISTOR, NETWORK	10K
RB3021	1-239-674-81	RESISTOR, NETWORK	100
RB3024	1-239-674-81	RESISTOR, NETWORK	100
RB3025	1-239-698-11	RESISTOR, NETWORK	10K
RB3026	1-239-670-81	RESISTOR, NETWORK	47
RB3027	1-239-674-81	RESISTOR, NETWORK	100
RB4512	1-234-370-21	RES, NETWORK 22	(1005X4)
RB4513	1-234-370-21	RES, NETWORK 22	(1005X4)
RB4514	1-234-370-21	RES, NETWORK 22	(1005X4)
RB4515	1-234-370-21	RES, NETWORK 22	(1005X4)
RB4516	1-234-370-21	RES, NETWORK 22	(1005X4)
RB4517	1-234-370-21	RES, NETWORK 22	(1005X4)
RB4518	1-234-370-21	RES, NETWORK 22	(1005X4)
RB4519	1-239-674-81	RESISTOR, NETWORK	100
RB5001	1-239-698-11	RESISTOR, NETWORK	10K
RB5002	1-239-670-81	RESISTOR, NETWORK	47
RB5501	1-234-106-81	RES, NETWORK	0
RB5503	1-234-106-81	RES, NETWORK	0
RB5504	1-234-370-21	RES, NETWORK 22	(1005X4)
RB5505	1-234-369-21	RES, NETWORK 10	(1005X4)
RB5506	1-234-369-21	RES, NETWORK 10	(1005X4)
RB5507	1-234-369-21	RES, NETWORK 10	(1005X4)
RB5508	1-234-369-21	RES, NETWORK 10	(1005X4)
RB5509	1-234-369-21	RES, NETWORK 10	(1005X4)
RB5510	1-234-369-21	RES, NETWORK 10	(1005X4)
RB7200	1-234-795-21	RES, NETWORK 0X4	(2010)
RB7201	1-234-795-21	RES, NETWORK 0X4	(2010)
RB7202	1-234-795-21	RES, NETWORK 0X4	(2010)
RB7204	1-239-674-81	RESISTOR, NETWORK	100
RB7205	1-239-674-81	RESISTOR, NETWORK	100
RB7206	1-234-106-81	RES, NETWORK	0
RB7207	1-234-106-81	RES, NETWORK	0
RB7208	1-239-674-81	RESISTOR, NETWORK	100
RB7605	1-234-370-21	RES, NETWORK 22	(1005X4)
RB7607	1-234-378-21	RES, NETWORK 10K	(1005X4)
RB7701	1-239-674-81	RESISTOR, NETWORK	100
RB7703	1-233-789-11	RES, NETWORK 10K	(1608)
RB9021	1-242-963-21	RES, NETWORK 33	(1005X4)
RB9022	1-242-963-21	RES, NETWORK 33	(1005X4)
RB9023	1-242-963-21	RES, NETWORK 33	(1005X4)
RB9024	1-242-963-21	RES, NETWORK 33	(1005X4)
RB9025	1-242-963-21	RES, NETWORK 33	(1005X4)
RB9026	1-242-963-21	RES, NETWORK 33	(1005X4)
RB9027	1-242-963-21	RES, NETWORK 33	(1005X4)
RB9106	1-234-524-21	RES, CHIP NETWORK	33 (3216)
RB9107	1-234-524-21	RES, CHIP NETWORK	33 (3216)
RB9108	1-234-524-21	RES, CHIP NETWORK	33 (3216)
RB9109	1-234-524-21	RES, CHIP NETWORK	33 (3216)
RB9110	1-234-524-21	RES, CHIP NETWORK	33 (3216)
RB9111	1-234-524-21	RES, CHIP NETWORK	33 (3216)
RB9112	1-234-524-21	RES, CHIP NETWORK	33 (3216)
RB9113	1-234-524-21	RES, CHIP NETWORK	33 (3216)
RB9115	1-239-674-81	RESISTOR, NETWORK	100
	TUNER		
TU7800	8-597-626-00	TUNER, FSS BTF-CA412	
	VARISTOR		
VD1001	1-802-078-11	VARISTOR	(SMD)
VD1002	1-802-078-11	VARISTOR	(SMD)
VD1003	1-802-078-11	VARISTOR	(SMD)
VD1004	1-802-078-11	VARISTOR	(SMD)
VD1100	1-804-988-21	VARISTOR, CHIP	(1608)
VD1101	1-804-988-21	VARISTOR, CHIP	(1608)
VD1102	1-804-988-21	VARISTOR, CHIP	(1608)
VD1106	1-802-078-11	VARISTOR	(SMD)
VD1107	1-802-078-11	VARISTOR	(SMD)
VD1108	1-802-078-11	VARISTOR	(SMD)
VD1109	1-802-078-11	VARISTOR	(SMD)
VD1130	1-804-988-21	VARISTOR, CHIP	(1608)
VD1131	1-804-988-21	VARISTOR, CHIP	(1608)
VD1132	1-804-988-21	VARISTOR, CHIP	(1608)
VD1700	1-802-082-11	VARISTOR	(SMD)
VD1701	1-802-082-11	VARISTOR	(SMD)
VD1710	1-802-078-11	VARISTOR	(SMD)
VD1711	1-802-078-11	VARISTOR	(SMD)
VD1720	1-802-078-11	VARISTOR	(SMD)
VD1721	1-802-078-11	VARISTOR	(SMD)
VD5002	1-802-078-11	VARISTOR	(SMD)
VD5003	1-802-078-11	VARISTOR	(SMD)
VD5004	1-802-078-11	VARISTOR	(SMD)
VD5005	1-802-078-11	VARISTOR	(SMD)
VD5006	1-802-078-11	VARISTOR	(SMD)
VD5503	1-802-417-11	SURGE ABSORBER	
VD5504	1-802-417-11	SURGE ABSORBER	
VD5507	1-802-417-11	SURGE ABSORBER	
VD5510	1-802-417-11	SURGE ABSORBER	
VD5511	1-802-417-11	SURGE ABSORBER	

BM G5M

REF. NO.	PART NO.	DESCRIPTION	VALUES		
VD5512	1-802-417-11	SURGE ABSORBER			
VD5514	1-802-417-11	SURGE ABSORBER			
VD5515	1-802-417-11	SURGE ABSORBER			
VD5518	1-802-417-11	SURGE ABSORBER			
VD5519	1-802-417-11	SURGE ABSORBER			
VD5520	1-802-417-11	SURGE ABSORBER			
VD5522	1-802-417-11	SURGE ABSORBER			
VD5523	1-802-417-11	SURGE ABSORBER			
VD5524	1-802-417-11	SURGE ABSORBER			
VD5526	1-802-417-11	SURGE ABSORBER			
VD5527	1-802-417-11	SURGE ABSORBER			
	CRYSTAL				
X3009	1-813-784-21	VIBRATOR, CRYSTAL			
X3010	1-767-984-21	VIBRATOR, CRYSTAL			
X7200	1-813-761-21	VIBRATOR, CRYSTAL			
X9100	1-813-546-21	QUARTZ CRYSTAL OSCILLATOR			

G5M

*	**A-1358-825-A**	**G5M BOARD, MOUNTED**			
	4-382-854-01	SCREW (M3X8), P, SW (+)			
	CAPACITOR				
C6001	1-163-021-91	CERAMIC CHIP	0.01µF	10%	50V
C6002	1-113-889-11	CERAMIC	0.001µF	20%	250V
C6003	1-113-889-11	CERAMIC	0.001µF	20%	250V
C6004	1-114-153-51	CERAMIC	680pF	10%	250V
C6006	1-161-964-91	CERAMIC	0.0047µF		250V
C6007	1-165-539-31	FILM	0.22µF	10%	275V
C6009	1-165-541-11	FILM	1µF	10%	275V
C6010	1-161-964-91	CERAMIC	0.0047µF		250V
C6011	1-113-889-11	CERAMIC	0.001µF	20%	250V
C6012	1-114-153-51	CERAMIC	680pF	10%	250V
C6015	1-113-889-11	CERAMIC	0.001µF	20%	250V
C6016	1-117-227-11	MYLAR	1µF	10%	450V
C6017	1-117-227-11	MYLAR	1µF	10%	450V
C6018	1-107-888-11	ELECT	47µF	20%	25V
C6019	1-117-768-91	CERAMIC	470pF	10%	2KV
C6020	1-117-768-91	CERAMIC	470pF	10%	2KV
C6022	1-162-969-11	CERAMIC CHIP	0.0068µF	10%	25V
C6023	1-107-823-11	CERAMIC CHIP	0.47µF	10%	16V
C6024	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C6025	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C6026	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C6029	1-107-882-91	ELECT	100µF	20%	16V
C6032	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C6035	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6038	1-135-361-11	ELECT(BLOCK)	180µF	20%	450V
C6039	1-115-339-11	CERAMIC CHIP	0.1µF	10%	50V
C6040	1-135-361-11	ELECT(BLOCK)	180µF	20%	450V
C6041	1-107-906-11	ELECT	10µF	20%	50V
C6042	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C6043	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6044	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
C6045	1-107-903-11	ELECT	2.2µF	20%	50V
C6046	1-107-904-11	ELECT	3.3µF	20%	50V
C6047	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C6048	1-100-139-31	FILM	0.001µF	5%	630V
C6049	1-107-905-11	ELECT	4.7µF	20%	50V
C6050	1-107-910-11	ELECT	100µF	20%	50V
C6051	1-115-339-11	CERAMIC CHIP	0.1µF	10%	50V
C6052	1-107-906-11	ELECT	10µF	20%	50V
C6053	1-100-831-91	CERAMIC CHIP	0.001µF	2%	50V
C6054	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C6055	1-125-889-11	CERAMIC CHIP	2.2µF	10%	10V
C6058	1-107-910-11	ELECT	100µF	20%	50V
C6059	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6060	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C6061	1-127-943-51	CERAMIC	330pF	10%	250V
C6062	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C6063	1-165-729-31	ELECT	470µF	20%	16V
C6064	1-115-340-11	CERAMIC CHIP	0.22µF	10%	25V
C6065	1-163-021-91	CERAMIC CHIP	0.01µF	10%	50V
C6066	1-107-888-11	ELECT	47µF	20%	25V
C6067	1-125-891-11	CERAMIC CHIP	0.47µF	10%	10V
C6068	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6071	1-117-768-91	CERAMIC	470pF	10%	2KV
C6072	1-125-891-11	CERAMIC CHIP	0.47µF	10%	10V
C6073	1-100-310-11	FILM	18000pF	3%	800V
C6074	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C6076	1-164-227-11	CERAMIC CHIP	0.022µF	10%	25V
C6078	1-112-254-21	ELECT	1000µF	20%	35V
C6079	1-112-254-21	ELECT	1000µF	20%	35V
C6080	1-112-254-21	ELECT	1000µF	20%	35V
C6083	1-112-242-21	ELECT	1500µF	20%	25V
C6084	1-112-242-21	ELECT	1500µF	20%	25V
C6093	1-100-597-91	CERAMIC CHIP	0.1µF	10%	25V
C6094	1-127-573-11	CERAMIC CHIP	1µF	10%	16V

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G5M

	REF. NO.	PART NO.	DESCRIPTION	VALUES	
		CONNECTOR			
	CN6000	1-695-915-11	TAB (CONTACT)		
	CN6007	1-695-915-11	TAB (CONTACT)		
	CN6102	1-580-843-11	PIN, CONNECTOR (POWER)		
*	CN6201	1-793-235-11	PIN, CONNECTOR (PC BOARD)	13P	
*	CN6202	1-785-703-11	PIN, CONNECTOR (PC BOARD)	6P	
	CN6204	1-695-915-11	TAB (CONTACT)		
		DIODE			
	D6000	6-501-817-01	DIODE	MA2J1110GLS0	
	D6001	6-501-817-01	DIODE	MA2J1110GLS0	
	D6002	6-501-817-01	DIODE	MA2J1110GLS0	
	D6003	8-719-054-89	DIODE	D15XB60	
	D6005	6-500-020-01	DIODE	MM3Z4V3ST1	
	D6006	6-501-817-01	DIODE	MA2J1110GLS0	
	D6007	6-501-817-01	DIODE	MA2J1110GLS0	
	D6008	6-501-817-01	DIODE	MA2J1110GLS0	
	D6014	6-500-137-01	DIODE	BAT54HT1	
*⚠	D6015	8-719-055-38	DIODE	SF5L60	
	D6016	6-500-108-01	DIODE	EP05FA20	
	D6017	6-500-108-01	DIODE	EP05FA20	
⚠	D6019	6-501-817-01	DIODE	MA2J1110GLS0	
	D6020	6-501-817-01	DIODE	MA2J1110GLS0	
	D6021	6-501-817-01	DIODE	MA2J1110GLS0	
⚠	D6022	6-501-817-01	DIODE	MA2J1110GLS0	
⚠	D6023	8-719-081-67	DIODE	M1FM3	
	D6024	6-501-818-01	DIODE	MA2J1130GLS0	
	D6025	6-501-297-11	DIODE	1F6G-TA26	
	D6026	6-500-567-31	DIODE	10ERB20-TB3	
	D6027	6-500-567-31	DIODE	10ERB20-TB3	
	D6028	6-500-567-31	DIODE	10ERB20-TB3	
	D6030	6-501-817-01	DIODE	MA2J1110GLS0	
	D6031	8-719-510-02	DIODE	D1NS4	
	D6033	6-500-137-01	DIODE	BAT54HT1	
	D6034	8-719-081-67	DIODE	M1FM3	
⚠	D6035	8-719-979-64	DIODE	UF4005/23	
	D6036	6-501-817-01	DIODE	MA2J1110GLS0	
	D6042	6-501-917-01	DIODE	SG10SC9F5-5009F23	
⚠	D6043	6-501-917-01	DIODE	SG10SC9F5-5009F23	
	D6044	6-501-545-01	DIODE	SG10SC6-F5	
	D6045	6-500-555-01	DIODE	MM3Z27VT1	
	D6046	6-501-817-01	DIODE	MA2J1110GLS0	
	D6047	6-501-545-01	DIODE	SG10SC6-F5	
	D6048	6-501-545-01	DIODE	SG10SC6-F5	
	D6050	6-500-555-01	DIODE	MM3Z27VT1	
	D6051	8-719-082-03	DIODE	MM3Z15VT1	
	D6052	8-719-081-97	DIODE	MMDL914T1	
		FUSE			
⚠	F6000	1-576-233-51	FUSE	6.3A	250V
		FERRITE BEAD			
	FB6001	1-412-911-11	FERRITE	0µH	
	FB6002	1-412-911-11	FERRITE	0µH	
		IC			
⚠	IC6000	6-709-192-01	IC	FA5501AN-D1-TE1	
⚠	IC6001	6-708-801-01	IC	MIP2H2	
⚠	IC6002	6-707-749-01	IC	CXD9841P	
	IC6003	8-759-682-42	IC	MM1431ATT	
	IC6004	6-709-442-01	IC	MM1530ATT	
	IC6005	6-709-368-01	IC	MM1431ATT	(CN)
⚠	IC6006	6-709-368-01	IC	MM1431ATT	(CN)
		CHIP CONDUCTOR			
	JR6000	1-216-295-91	SHORT CHIP		
	JR6001	1-216-296-11	SHORT CHIP		
	JR6002	1-216-296-11	SHORT CHIP		
	JR6003	1-216-295-91	SHORT CHIP		
	JR6004	1-216-296-11	SHORT CHIP		
	JR6005	1-216-296-11	SHORT CHIP		
	JR6006	1-216-296-11	SHORT CHIP		
	JR6007	1-216-296-11	SHORT CHIP		
	JR6008	1-216-296-11	SHORT CHIP		
	JR6009	1-216-296-11	SHORT CHIP		
	JR6010	1-216-296-11	SHORT CHIP		
	JR6011	1-216-296-11	SHORT CHIP		
	JR6012	1-216-296-11	SHORT CHIP		
	JR6013	1-216-295-91	SHORT CHIP		
	JR6014	1-216-296-11	SHORT CHIP		
	JR6015	1-216-296-11	SHORT CHIP		
	JR6020	1-216-295-91	SHORT CHIP		
	JR6021	1-216-295-91	SHORT CHIP		
		COIL			
	L6000	1-456-856-11	LINE FILTER COIL		
	L6002	1-457-218-11	INDUCTOR	100µH	
	L6004	1-414-487-41	INDUCTOR	1µH	
	L6005	1-414-487-41	INDUCTOR	1µH	
	L6007	1-414-183-41	INDUCTOR	10µH	

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G5M

	REF. NO.	PART NO.	DESCRIPTION	VALUES		
	L6008	1-457-239-11	INDUCTOR	4.7µH		
	L6009	1-457-239-11	INDUCTOR	4.7µH		
		PHOTO COUPLER				
	PH6000	6-600-187-01	PHOTO COUPLER	PC123Y22JOOF		
	PH6001	6-600-187-01	PHOTO COUPLER	PC123Y22JOOF		
	PH6002	6-600-187-01	PHOTO COUPLER	PC123Y22JOOF		
	PH6003	6-600-187-01	PHOTO COUPLER	PC123Y22JOOF		
⚠	PH6004	6-600-187-01	PHOTO COUPLER	PC123Y22JOOF		
		IC LINK				
⚠	PS6000	1-533-597-41	IC LINK	5A	90V	
⚠	PS6001	1-533-597-41	IC LINK	5A	90V	
⚠	PS6002	1-533-597-41	IC LINK	5A	90V	
⚠	PS6003	1-533-597-41	IC LINK	5A	90V	
⚠	PS6004	1-533-597-41	IC LINK	5A	90V	
⚠	PS6005	1-533-597-41	IC LINK	5A	90V	
		TRANSISTOR				
⚠	Q6000	8-729-045-62	TRANSISTOR	2SK2158-T2B		
⚠	Q6001	6-551-403-01	TRANSISTOR	2SK3797(LBS1SONY.		
⚠	Q6002	6-551-403-01	TRANSISTOR	2SK3797(LBS1SONY.		
⚠	Q6003	8-729-820-90	TRANSISTOR	2SD1621-ST		
	Q6004	8-729-804-41	TRANSISTOR	2SB1122-S		
	Q6005	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF		
⚠	Q6006	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF		
	Q6007	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF		
⚠	Q6008	8-729-804-41	TRANSISTOR	2SB1122-S		
	Q6009	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF		
⚠	Q6010	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF		
⚠	Q6011	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF		
⚠	Q6012	8-729-045-62	TRANSISTOR	2SK2158-T2B		
⚠	Q6013	6-551-297-01	TRANSISTOR	2SK3568(LBS1SONY.Q		
⚠	Q6014	6-551-297-01	TRANSISTOR	2SK3568(LBS1SONY.Q		
⚠	Q6015	8-729-120-28	TRANSISTOR	2SC1623-L5L6		
	Q6016	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF		
	Q6017	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF		
		RESISTOR				
	R6001	1-216-857-11	METAL CHIP	1M	5%	1/10W
	R6002	1-218-760-11	METAL CHIP	220K	0.50%	1/10W
	R6003	1-218-760-11	METAL CHIP	220K	0.50%	1/10W
	R6004	1-208-830-11	METAL CHIP	100K	0.50%	1/10W
	R6005	1-208-846-11	METAL CHIP	470K	0.50%	1/10W
	R6006	1-218-911-11	METAL CHIP	470K	0.50%	1/10W
	R6007	1-218-887-11	METAL CHIP	47K	0.50%	1/10W
	R6008	1-218-760-11	METAL CHIP	220K	0.50%	1/10W
	R6009	1-218-760-11	METAL CHIP	220K	0.50%	1/10W
⚠	R6016	1-240-251-11	METAL	6.8	5%	10W
⚠	R6021	1-218-913-91	METAL CHIP	560K	0.50%	1/10W
	R6023	1-216-864-11	SHORT CHIP			
⚠	R6024	1-218-879-11	METAL CHIP	22K	0.50%	1/10W
	R6026	1-218-823-11	METAL CHIP	100	0.50%	1/10W
⚠	R6027	1-215-882-00	METAL OXIDE	22	5%	2W
⚠	R6028	1-247-752-11	CARBON	1K	5%	1/2W
	R6029	1-216-833-11	METAL CHIP	10K	5%	1/10W
	R6030	1-216-295-91	SHORT CHIP			
	R6031	1-219-729-11	METAL	0.33	10%	5W
	R6032	1-218-823-11	METAL CHIP	100	0.50%	1/10W
	R6033	1-216-864-11	SHORT CHIP			
⚠	R6034	1-219-729-11	METAL	0.33	10%	5W
	R6035	1-218-835-11	METAL CHIP	330	0.50%	1/10W
⚠	R6036	1-211-989-11	METAL CHIP	68	0.50%	1/10W
	R6037	1-216-833-11	METAL CHIP	10K	5%	1/10W
	R6038	1-216-837-11	METAL CHIP	22K	5%	1/10W
	R6039	1-216-821-11	METAL CHIP	1K	5%	1/10W
	R6042	1-216-837-11	METAL CHIP	22K	5%	1/10W
	R6043	1-216-833-11	METAL CHIP	10K	5%	1/10W
	R6044	1-216-837-11	METAL CHIP	22K	5%	1/10W
	R6045	1-249-389-11	CARBON	4.7	5%	1/4W
	R6046	1-249-389-11	CARBON	4.7	5%	1/4W
	R6047	1-249-405-11	CARBON	100	5%	1/4W
	R6048	1-208-814-91	METAL CHIP	22K	0.50%	1/10W
	R6049	1-218-830-11	METAL CHIP	200	0.50%	1/10W
	R6050	1-218-830-11	METAL CHIP	200	0.50%	1/10W
	R6051	1-218-830-11	METAL CHIP	200	0.50%	1/10W
	R6052	1-218-830-11	METAL CHIP	200	0.50%	1/10W
	R6055	1-208-818-11	METAL CHIP	33K	0.50%	1/10W
	R6056	1-216-833-11	METAL CHIP	10K	5%	1/10W
	R6057	1-216-833-11	METAL CHIP	10K	5%	1/10W
	R6058	1-218-907-11	METAL CHIP	330K	0.50%	1/10W
	R6059	1-218-879-11	METAL CHIP	22K	0.50%	1/10W
	R6060	1-218-895-11	METAL CHIP	100K	0.50%	1/10W
	R6061	1-216-809-11	METAL CHIP	100	5%	1/10W
	R6062	1-249-393-11	CARBON	10	5%	1/4W
	R6063	1-208-848-11	METAL CHIP	560K	0.50%	1/10W
	R6064	1-208-848-11	METAL CHIP	560K	0.50%	1/10W
	R6065	1-208-848-11	METAL CHIP	560K	0.50%	1/10W
	R6066	1-208-846-11	METAL CHIP	470K	0.50%	1/10W

NOTE: The components identified by shaDIODEng and ⚠ mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

G5M

	REF. NO.	PART NO.	DESCRIPTION	VALUES		
	R6067	1-208-844-11	METAL CHIP	390K	0.50%	1/10W
	R6068	1-218-875-11	METAL CHIP	15K	0.50%	1/10W
	R6069	1-218-851-11	METAL CHIP	1.5K	0.50%	1/10W
	R6070	1-216-845-11	METAL CHIP	100K	5%	1/10W
	R6071	1-216-837-11	METAL CHIP	22K	5%	1/10W
	R6072	1-216-833-11	METAL CHIP	10K	5%	1/10W
⚠	R6073	1-212-958-00	FUSIBLE	10	5%	1/2W
⚠	R6074	1-202-933-61	FUSIBLE	0.1	10%	1/2W
	R6075	1-218-887-11	METAL CHIP	47K	0.50%	1/10W
	R6076	1-218-823-11	METAL CHIP	100	0.50%	1/10W
	R6077	1-218-873-11	METAL CHIP	12K	0.50%	1/10W
	R6079	1-249-385-11	CARBON	2.2	5%	1/4W
	R6080	1-208-854-11	METAL CHIP	1M	0.50%	1/10W
	R6081	1-208-854-11	METAL CHIP	1M	0.50%	1/10W
	R6082	1-208-854-11	METAL CHIP	1M	0.50%	1/10W
	R6083	1-208-854-11	METAL CHIP	1M	0.50%	1/10W
	R6084	1-218-761-11	METAL CHIP	240K	0.50%	1/10W
	R6085	1-218-881-11	METAL CHIP	27K	0.50%	1/10W
	R6086	1-243-725-71	METAL OXIDE	100K	5%	1W
	R6088	1-218-865-11	METAL CHIP	5.6K	0.50%	1/10W
	R6089	1-216-833-11	METAL CHIP	10K	5%	1/10W
	R6090	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W
	R6091	1-216-833-11	METAL CHIP	10K	5%	1/10W
⚠	R6092	1-249-385-11	CARBON	2.2	5%	1/4W
	R6093	1-216-833-11	METAL CHIP	10K	5%	1/10W
	R6094	1-218-887-11	METAL CHIP	47K	0.50%	1/10W
	R6095	1-216-833-11	METAL CHIP	10K	5%	1/10W
	R6096	1-211-985-11	METAL CHIP	47	0.50%	1/10W
	R6098	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
	R6099	1-218-903-11	METAL CHIP	220K	0.50%	1/10W
	R6100	1-218-859-11	METAL CHIP	3.3K	0.50%	1/10W
	R6101	1-218-885-11	METAL CHIP	39K	0.50%	1/10W
	R6102	1-216-833-11	METAL CHIP	10K	5%	1/10W
	R6103	1-216-821-11	METAL CHIP	1K	5%	1/10W
	R6104	1-216-857-11	METAL CHIP	1M	5%	1/10W
	R6105	1-216-821-11	METAL CHIP	1K	5%	1/10W
	R6106	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
	R6107	1-216-821-11	METAL CHIP	1K	5%	1/10W
	R6108	1-216-833-11	METAL CHIP	10K	5%	1/10W
	R6109	1-216-009-91	RES-CHIP	22	5%	1/10W
	R6110	1-216-009-91	RES-CHIP	22	5%	1/10W
	R6111	1-218-887-11	METAL CHIP	47K	0.50%	1/10W
	R6112	1-216-805-11	METAL CHIP	47	5%	1/10W
	R6113	1-218-847-11	METAL CHIP	1K	0.50%	1/10W
	R6114	1-218-879-11	METAL CHIP	22K	0.50%	1/10W

	REF. NO.	PART NO.	DESCRIPTION	VALUES		
	R6115	1-216-833-11	METAL CHIP	10K	5%	1/10W
	R6116	1-216-833-11	METAL CHIP	10K	5%	1/10W
	R6117	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
	R6118	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
	R6119	1-218-903-11	METAL CHIP	220K	0.50%	1/10W
⚠	R6120	1-216-361-00	METAL OXIDE	0.22	5%	2W
⚠	R6121	1-216-361-00	METAL OXIDE	0.22	5%	2W
	R6122	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W
	R6124	1-216-841-11	METAL CHIP	47K	5%	1/10W
	R6125	1-218-847-11	METAL CHIP	1K	0.50%	1/10W
	R6126	1-216-821-11	METAL CHIP	1K	5%	1/10W
	R6127	1-216-821-11	METAL CHIP	1K	5%	1/10W
	R6128	1-216-821-11	METAL CHIP	1K	5%	1/10W
	R6129	1-216-841-11	METAL CHIP	47K	5%	1/10W
	R6130	1-216-833-11	METAL CHIP	10K	5%	1/10W
	R6132	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
	R6133	1-216-821-11	METAL CHIP	1K	5%	1/10W
	R6134	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W
	R6136	1-218-859-11	METAL CHIP	3.3K	0.50%	1/10W
	R6137	1-218-865-11	METAL CHIP	5.6K	0.50%	1/10W
	R6138	1-218-847-11	METAL CHIP	1K	0.50%	1/10W
	R6139	1-216-833-11	METAL CHIP	10K	5%	1/10W
	R6140	1-216-073-91	RES-CHIP	10K	5%	1/10W
	R6141	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
	R6143	1-216-073-91	RES-CHIP	10K	5%	1/10W
	R6144	1-249-385-11	CARBON	2.2	5%	1/4W
⚠	R6146	1-247-289-00	METAL	8.2M	5%	1W
	R6147	1-216-833-11	METAL CHIP	10K	5%	1/10W
	R6148	1-216-833-11	METAL CHIP	10K	5%	1/10W
	R6149	1-216-837-11	METAL CHIP	22K	5%	1/10W
	R6151	1-216-847-11	METAL CHIP	150K	5%	1/10W

RELAY

RY6000	1-755-579-11	RELAY, POWER

TRANSFORMER

T6000	1-443-984-11	CONVERTER TRANSFORMER (SBT)

VARISTOR

VD6000	1-804-996-21	VARISTOR
VD6001	1-804-996-21	VARISTOR

HM1 HM3 UM

REF. NO.	PART NO.	DESCRIPTION	VALUES		
HM1					
*	A-1268-471-A	HM1 BOARD, MOUNTED			
	CONNECTOR				
* CN101	1-820-180-11	HEADER ASSEMBLY (PRINT PWB)			
	RESISTOR				
R101	1-218-827-11	METAL CHIP	150	0.50%	1/10W
R102	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R103	1-218-835-11	METAL CHIP	330	0.50%	1/10W
R104	1-218-841-11	METAL CHIP	560	0.50%	1/10W
R105	1-218-848-11	METAL CHIP	1.1K	0.50%	1/10W
R107	1-216-864-11	SHORT CHIP			
	SWITCH				
S101	1-572-595-11	SWITCH, TACTILE			
S102	1-572-595-11	SWITCH, TACTILE			
S103	1-572-595-11	SWITCH, TACTILE			
S104	1-572-595-11	SWITCH, TACTILE			
S105	1-572-595-11	SWITCH, TACTILE			
S106	1-572-595-11	SWITCH, TACTILE			
S107	1-572-595-11	SWITCH, TACTILE			
HM3					
*	A-1268-472-A	HM3 BOARD, MOUNTED			
	CAPACITOR				
C320	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C322	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C323	1-126-205-11	ELECT CHIP	47µF	20%	6.3V
C401	1-162-960-11	CERAMIC CHIP	220pF	10%	50V
C402	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
	CONNECTOR				
* CN301	1-820-287-11	HEADER ASSEMBLY (PRINT PWB)			
	DIODE				
D305	8-719-085-26	DIODE	CL-165HR/SYG-D-T		
D308	8-719-053-07	DIODE	SML-310MTT86		
	IC				
IC320	6-600-447-01	IC	TPS853(SONY)		
IC401	6-600-502-01	HIC	GP1UE26RK0VF		
	TRANSISTOR				
Q303	8-729-028-96	TRANSISTOR	DTC114EUA-T106		
Q304	8-729-028-96	TRANSISTOR	DTC114EUA-T106		
Q320	6-551-699-01	TRANSISTOR	ISA1602AM1TP-1EF		
	RESISTOR				
R303	1-216-815-11	METAL CHIP	330	5%	1/10W
R304	1-216-819-11	METAL CHIP	680	5%	1/10W
R305	1-216-815-11	METAL CHIP	330	5%	1/10W
R307	1-216-864-11	SHORT CHIP			
R308	1-216-864-11	SHORT CHIP			
R321	1-216-839-11	METAL CHIP	33K	5%	1/10W
R322	1-216-821-11	METAL CHIP	1K	5%	1/10W
R323	1-216-833-11	METAL CHIP	10K	5%	1/10W
R325	1-216-849-11	METAL CHIP	220K	5%	1/10W
R326	1-216-849-11	METAL CHIP	220K	5%	1/10W
R327	1-216-864-11	SHORT CHIP			
R328	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R401	1-216-817-11	METAL CHIP	470	5%	1/10W
R402	1-216-805-11	METAL CHIP	47	5%	1/10W
UM					
*	A-1268-473-A	UM BOARD, MOUNTED			
	CAPACITOR				
C203	1-216-864-11	SHORT CHIP			
C206	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C209	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C215	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
	CONNECTOR				
* CN201	1-819-928-11	HEADER ASSENBLY	20P		
CN202	1-695-915-11	TAB (CONTACT)			
	DIODE				
D204	6-501-758-01	DIODE	MAZ8100G0LS0		
	JACK				
J201	1-819-356-21	PHONO JACK	3P		
J202	1-815-325-11	JACK			
	RESISTOR				
R211	1-216-864-11	SHORT CHIP			
R212	1-216-857-11	METAL CHIP	1M	5%	1/10W
R213	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R215	1-216-857-11	METAL CHIP	1M	5%	1/10W
R216	1-216-825-11	METAL CHIP	2.2K	5%	1/10W

REF. NO.	PART NO.	DESCRIPTION	VALUES
	R218	1-216-864-11	SHORT CHIP	
	R219	1-216-864-11	SHORT CHIP	
	R220	1-216-864-11	SHORT CHIP	
		VARISTOR		
	VD201	1-804-988-21	VARISTOR, CHIP	(1608)
	VD202	1-804-988-21	VARISTOR, CHIP	(1608)
	VD203	1-804-988-21	VARISTOR, CHIP	(1608)
	VD204	1-804-988-21	VARISTOR, CHIP	(1608)
	VD205	1-804-988-21	VARISTOR, CHIP	(1608)
		ACCESSORIES AND PACKING		
		X-2186-601-1	BAG ASSY, RUDDER LOCK	
			(Contains the 3 items listed below)	
		X-2186-603-1	LOCK ASSY, RUDDER	
		2-593-320-02	SCREW, CION (M6X18)	
		2-580-663-01	SCREW, WOOD 3.8X20	
*		2-678-265-01	BAG, PROTECTION	
*		3-213-717-01	BAG, PROTECTION (STAND)	
*		3-268-041-01	CARTON, INDIVIDUAL	
*		3-268-040-01	CUSHION, LOWER	
*		3-268-039-01	CUSHION, UPPER	
		3-213-438-11	GUIDE, QUICK SETUP (ENGLISH VERSION)	
		3-213-438-21	GUIDE, QUICK SETUP (FRENCH VERSION)	
		3-213-438-31	GUIDE, QUICK SETUP (SPANISH VERSION)	
		3-213-437-13	MANUAL, INSTRUCTION (ENGLISH VERSION)	
		3-213-437-22	MANUAL, INSTRUCTION (FRENCH VERSION)	
		3-213-437-33	MANUAL, INSTRUCTION (SPANISH VERSION)	

REF. NO.	PART NO.	DESCRIPTION	VALUES
		MISCELLANEOUS	
	2-595-155-02	CLAMP	
	1-469-089-11	FILTER, CLAMP (FERRITE CORE)	SPK CABLE
*	1-400-052-11	FILTER, CLAMP (FERRITE CORE)	VIDEO2 CABLE
		REMOTE COMMANDER	
	1-480-266-11	REMOTE COMMANDER (RM-YD021)	
	9-885-099-05	BATTERY COVER (for RM-YD021)	

APPENDIX A: ENCRYPTION KEY COMPONENTS

Encryption key components developed by Sony Corporation contain confidential information, and shall be handled under the non-disclosure obligations provided in the applicable agreement with Sony Corporation (and/or its subsidiary).

As part of this agreement specific instructions must be adhered to whenever a Circuit Board containing encryption key components is repaired and/or replaced pursuant to the following:

1) **In the service manual the Circuit Board(s) containing encryption key components shall be identified with a red outline and a .**

2) **Only repair boards or components listed in the service manual shall be utilized for replacement and/or repair.**

3) **Disassembly, decryption, or reverse-engineering component(s) is strictly prohibited.**

4) **Any board in which the Servicer replaces an encryption key component must be placed back into the set it orignally came from and the replaced defective component MUST BE DESTROYED. Boards cannot be swapped.**

5) **If a Circuit Board identified with a red outline and a in the service manual is deemed to be defective:**

   a) **and if a core charge is imposed and is covered under the product warranty, the defective un-repaired or modified board MUST BE RETURNED to Sony.**

   b) **and if the core charge is NOT covered under the product warranty, the defective un-repaired or modified board MUST BE DESTROYED.**

5) **If a unit is destroyed (such as field scrap), the Circuit Board identified with a red outline and a in the service manual MUST BE DESTROYED.**

SERVICE MANUAL MA1 CHASSIS

In an effort to reduce the size of this pdf file the tiled schematics are not attached to this Service Manual. To receive a complete set of the tiled schematics for this manual please submit a request to the Service Promotion Department at Service_Promotion@am.sony.com.